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MONTANA HIGHWAY DEPARTMENT

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WEEKLY PROGRESS REPORT

FIELD ENGINEERING AND CONSTRUCTION

JANUARY 4, 1965

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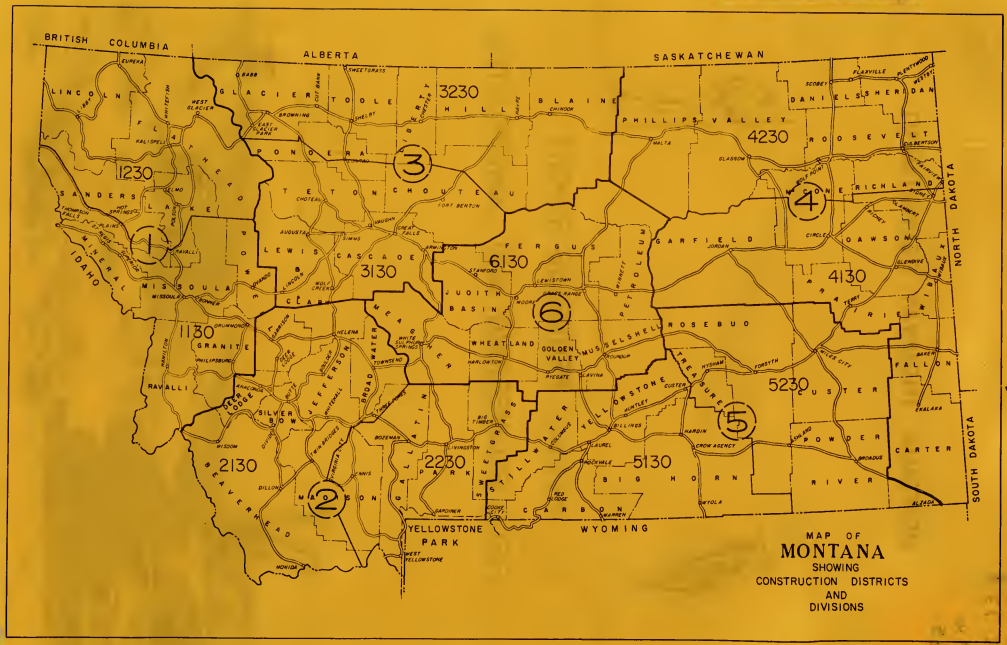

MAP OF
MONTANA
SHOWING
CONSTRUCTION DISTRICTS
AND
DIVISIONS

STATE HIGHWAY COMMISSION
MISSOULA, MONTANA
DECEMBER 31, 1964

State Highway Commission
Helena, Montana

Weekly News Letter
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the week ending December 31, 1964:

GENERAL

Progress has been mostly poor the past week because of heavy snowfall, rain, thawing, and freezing temperatures.

PRECONSTRUCTION

I 90-1(12)10-27, Deborgia - East & West
Length - 16.5 Miles
Personnel Unassigned

S 224(1), Reserve Street - North, Missoula
Length - 2.5 Miles
Survey Started Nov. 18, 1964
Data will be forwarded to Helena sometime next week.
Dana M. Irwin, Project Engineer
Missoula, Montana
Completed - Dec. 1, 1964

F 237(18), Ovando - Northeast
Length - 7.494 Miles, Seeding & Fertilizing
Personnel Unassigned

F 237(20), Bonner - Northeast
Length - 4.2 Miles
Survey Started Dec. 2, 1964
An 8-man engineering crew completed topography and plotted plan and profile on 1.3 miles. Ninety per cent of the controls from the 1935 survey are gone and an attempt is being made to locate the original controls. The survey is 31% complete. Man days this week - 24; total to date - 149.
Dana M. Irwin, Project Engineer
Missoula, Montana
Est. Comp. Date - March 3, 1965

F 237(21), Potomac - East
Length - 6.0 Miles
Personnel Unassigned

F 259(10), Florence - North & South
Length - 1.172 Miles
Personnel Unassigned

F 267(12), Ovando - Southeast
Length - 22.318 Miles, Seeding & Fertilizing
Personnel Unassigned

S 343(7), Avon - Helmville
Length - 16.0 Miles
Survey Started Jan. 16, 1964
Tom Oertli, ProjectEngineer
Drummond, Montana
Est. Comp. Date - March 30, 1965
A 6-man engineering crew ran centerline from Sta. 1160 to 1290. Three men are checking bench levels. The survey is 29% complete. Man days this week - 27; total to date - 527.

S 431(2), Hamilton - West
Length - 1.3 Miles
Survey Not Yet Started
C. W. Taylor, Project Engineer
Hamilton, Montana

CONSTRUCTION

I 90-1(30)50, U-1, Superior - East
Length - 3.863 Miles, Grade-Agg. Surf.-PM Surf.
Sign & Structure
Contract let June 24, 1964
Amount of Contract - $833,542.17
Work Started July 22, 1964
Suspend-work order effective November 21, 1964.
Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Cecil Owen, Project Engineer
Box 685, Superior, Montana
Contract Time - 350 Calendar Days
Prob. Comp. Date - July 1, 1965
The project as a whole is 40% complete with 37% of the contract time elapsed.

I 90-1(30)50, U-2, Superior - East
Length - 3.863 Miles - Fencing
Contract let June 24, 1964
Amount of Contract - $16,663.00
Work Started Aug. 11, 1964
Work Proceed Date - July 15, 1964
Suspend-work order effective October 3, 1964.
Western Neon, Contractor
Kalispell, Montana
Cecil Owen, Project Engineer
Box 685, Superior, Montana
Contract Time - 200 Calendar Days
Prob. Comp. Date - July 1, 1965
The project is 42% complete with 30% of the contract time elapsed.

I 90-1(24)54, Superior - East (East Structure)
Length - 757.4' Steel Bridge
Contract let Feb. 26, 1964
Amount of Contract - $442,454.72
Work Started June 15, 1964
N. A. Nelson Construction Co.
Sheridan, Wyoming, Contractor
M. E. Lawrence, P. E., Superior
Contract Time - Aug. 31, 1965
Prob. Comp. Date - Aug. 31, 1965
Progress has been fair the past week. High water destroyed 60% of the contractor's work bridge but did not damage the structure. Crews are now engaged is cleaning up;; also the cap was poured on Bent 6. The project as a whole is 27% complete with 45% of the contract time elapsed. Structure excavation is 56% complete, shoring and cribs 68%, class "A" concrete 52%, "AD" 29%, and reinforcing steel 30% complete. Thirteen men worked three 8-hour shifts. Construction layout, with a 6-man engineering crew engaged, is 45% complete.

I 90-1(31)54, Superior - East
Length - 757.4' Steel Bridge
Contract let June 24, 1964
Amount of Contract - $480,650.11
Work Started July 7, 1964
N. A. Nelson Construction Co.
Sheridan, Wyoming, Contractor
M. E. Lawrence, P. E., Superior
Contract Time - Nov. 30, 1965
Prob. Comp. Date - Nov. 30, 1965
Progress has been good the past week. Work consisted of forming the piers for Bent 5. Because of high water, the footing will have to be cleaned before concrete can be placed. Structure exc. is 79% complete, shoring and cribs 88%, class "A" concrete 80%, "AD" 35%, and reinforcing steel 40% complete. The project as a whole

I 90-1(31)54 - cont'd.

36% complete with 37% of the contract time elapsed. Thirteen men worked two 8-hour shifts. Construction layout, with a 6-man engineering crew engaged, is 40% complete.

I 90-1(25)59, Superior - East
Length - 825.75' Steel & Concrete Structure
Contract let Dec. 18, 1963
Amount of Contract - $507,566.85
Work Started Jan. 15, 1964
N. A. Nelson Construction Co.
Sheridan, Wyoming, Contractor
M. E. Lawrence, P. E., Superior
Contract Time - Oct. 31, 1965
Prob. Comp. Date - Oct. 31, 1965

Progress has been poor the past week because of adverse weather conditions. High water tipped over one belly girder which was setting on the ground at the base of Pier 4. It will be known, after ice has been removed from around girder, whether there has been any damage. Water and ice also engulfed several diaphragms and stringers which were stacked between Piers 4 and 5. Damages will not be known until water recedes more. Next week will consist of cleaning up and hauling fill material to rebuild the berm to Pier 5. Unclassified excavation is 52% complete, structure excavation 89%, shoring and cribs 90%, class "A" concrete 95%, "AD" 46%, reinforcing steel 64%, and structural steel 18% complete. The project as a whole is 49% complete with 53% of the contract time elapsed. Eight men worked two 8-hour shifts. Construction layout, with a 6-man engineering crew engaged, is 56% complete.

I 90-1(32)59, Superior - East
Length - 825.75' Steel & Concrete Structure
Contract let June 24, 1964
Amount of Contract - $534,213.12
Work Started July 7, 1964
N. A. Nelson Construction Co.
Sheridan, Wyoming, Contractor
M. E. Lawrence, P. E., Superior
Contract Time - Nov. 30, 1965
Prob. Comp. Date - Nov. 30, 1965

There has been no progress the past week because of extreme weather conditions. The coming week work will consist of hauling fill material to rebuild the berm which has been washed out. Unclassified excavation is 89% complete, structural excavation 76%, shoring and cribs 85%, class "A" concrete 92%, "AD" 50%, and reinforcing steel 62% complete. The project as a whole is 40% complete with 35% of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 40% complete.

I-IG 90-1(27)65, U-1, I 90-1(28)72, U-1 & S 419(3), Tarkio - East & Cyr Bridge
Length - 10.433 Miles, Grade-Agg. Surf.-Plant-Mix Bit. Surf.-Drain & Signing
Contract let Jan. 29, 1964
Amount of Contract - $1,509,908.27
Work started March 2, 1964
Suspend-work order effective November 28, 1964.
Murphy Bros., Contractor
Spokane, Washington
Cecil Owen, Project Engineer
Box 685, Superior, Montana
Contract Time - 450 Calendar Days
Prob. Comp. Date - Aug. 30, 1965
The project as a whole is 52% complete with 58% of the contract time elapsed.

I-IG 90-1(27)65, U-2 & I 90-1(28)72, U-2
Length - 10.020 Miles, Fencing & Cattleguards
Contract let Jan. 29, 1964
Amount of Contract - $55,409.70
Work Started May 11, 1964
Work Proceed Date - March 11, 1964
Suspend-work order effective November 28, 1964.
Strandberg & Assoc., Contractor
Helena, Montana
Cecil Owen, Project Engineer
Box 685, Superior, Montana
Contract Time - 250 Calendar Days
Prob. Comp. Date - July 30, 1965
The project is 41% complete with 72% of the contract time elapsed.

I-IG 90-1(26)66, Tarkio - East
2 Steel Overpasses & 1 Concrete Beam Underpass
Contract let Feb. 26, 1964
Amount of Contract - $302,221.21
Work Started April 27, 1964

Waddell Const. & Waddell Equip.
Helena, Montana, Contractor
Kiernan Minehan, P. E., Missoula
Contract Time - July 1, 1965
Prob. Comp. Date - July 1, 1965

There has been no progress the past week. Structure excavation is 77% complete, class "A" concrete 94%, "AD" 33%, reinforcing steel 60%, structural steel 90% complete. The project as a whole is 69% complete with 62% of the contract time elapsed. Construction layout, with a 2-man engineering crew engaged, is 96% complete.

I 90-1(21)67, Tarkio - East
Length - 806.6' Steel & Concrete Structure
Contract let Aug. 28, 1963
Amount of Contract - $527,755.00
Work Started Sept. 19, 1963

Sletten Construction Co.
Great Falls, Mont., Contractor
Kiernan Minehan, P. E., Missoula
Contract Time - June 30, 1965
Prob. Comp. Date - June 30, 1965

Work the past week consisted of shoveling snow from Spans 1, 2, 6, and 7, plowing out roads, and moving the structural steel for Span 6 to the project site. Eight men worked four 8-hour shifts. The project as a whole is 71% complete with 73% of the contract time elapsed. Construction layout, with a 2-man engineering crew engaged, is 80% complete.

I 90-1(22)71, Tarkio - East
Length - 762.22' Steel Structure
Contract let Oct. 30, 1963
Amount of Contract - $471,284.13
Work Started Nov. 25, 1963

Schultz & Lindsay Const. Co.
Billings, Mont., Contractor
Lawrence Chezik, P. E., Missoula
Contract Time - June 30, 1965
Prob. Comp. Date - June 30, 1965

Progress has been poor the past week. Nine men worked three 8-hour shifts, removing work bridge because of ice jams in the river. The contractor is presently replacing the work bridge. Structural excavation is 98% complete, shoring and cribs 98%, class "A" concrete 98%, "AD" 48%, reinforcing steel 61%, 45-ft. Prestressed beams 100%, 50-ft. 33%, structural steel 9%, and all pile items 100% complete. The project as a whole is 52% complete with 67% of the contract time elapsed. Construction layout, with a 3-man engineering crew engaged, is 85% complete.

I-IG 90-2(21)80, Unit 1, Huson - West
Length - 4.328 Miles, Grade-Gravel-PM Surf.
Contract let March 27, 1963
Amount of Contract - $1,666,471.77
Work Started April 16, 1963
Work Proceed Date - April 16, 1963

Bud King Co. & McLaughlin, Inc.
Missoula, Montana, Contractor
Tom Oertli, Project Engineer
Missoula, Montana
Contract Time - 350 Calendar Days
Prob. Comp. Date - May 30, 1965

Suspend-work order effective October 9, 1964. The project is 96% complete with 94% of the contract time elapsed.

I-IG 90-2(21)80, Unit 2, Huson - West
Length - 4.328 Miles - Fencing
Contract let March 27, 1963
Amount of Contract - $32,304.00
Work Started May 6, 1963
Work Proceed Date - April 16, 1963

Tschache Bros., Contractor
Bozeman, Montana
Tom Oertli, Project Engineer
Missoula, Montana
Contract Time - 200 Calendar Days
Prob. Comp. Date - May 30, 1965

Suspend-work order effective November 16, 1964. The project is 81% complete with all of the contract time elapsed.

I-IG 90-2(18)82, Huson - West
4-Lane Bridge over Clark Fork & Milwaukee Road
Contract let Feb. 23, 1963
Amount of Contract - $1,147,263.95
Work Started March 27, 1963
Sletten Construction Co.
Great Falls, Mont., Contractor
Kiernan Minehan, P. E., Missoula
Contract Time - Nov. 30, 1964
Completed - Dec. 4, 1964
This completion date is subject to final inspection and acceptance. The final estimate will be submitted to Helena about January 15, 1965.

I-IG 90-2(25)95, Unit 1, Missoula - West
Length - 7.754 Miles, G-GS-PCC & Structures
Contract let Oct. 28, 1964
Amount of Contract - $3,196,581.58
Work Not Yet Started
Work Proceed Date - Dec. 14, 1964
Suspend-work order effective December 14, 1964. Construction layout, with a 12-man engineering crew engaged, is 19% complete.
Peter Kiewit Sons' Co.
Billings, Mont., Contractor
H. C. Wilcox, Res. Engr., Missoula
W. L. Liles, Proj. Engr., Missoula
Contract Time - 500 Calendar Days
Prob. Comp. Date - Sept.30, 1966

I-IG 90-2(25)95, Unit 2, Missoula - West
Length - 7.754 Miles - Fencing
Contract let October 28, 1962
Amount of Contract - $49,468.55
Work Not Yet Started
Kober Construction Co.
Billings, Mont., Contractor
H. C. Wilcox, Resident Engineer
Missoula, Montana
Contract Time - 250 Calendar Days
Suspend-work order effective 12-14-64. The project is 0% complete with 0% of the contract time elapsed.

I-IG 90-2(14)105, U-1, Bonner - West
Length - 4.852 Miles, Grade-Gravel-Port. Cem.
Contract let April 29, 1964
Amount of Contract - $1,901,510.48
Work Started May 20, 1964
Work Proceed Date - May 27, 1964
Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Gilbert Dopp, Project Engineer
Missoula, Montana
Contract Time - 450 Calendar Days
Prob. Comp. Date - Oct. 15, 1965
Suspend-work order effective November 20, 1964. The project is 42% complete with 38% of the contract time elapsed. Construction layout is 86% complete.

I 90-2(14)105, U-3, F 219(18) & S 218(7)
Length - 1.216 Miles, Drain-Grade-Gravel Surf. & Plant-Mix Surf. & Bridge in Missoula
Contract let Nov. 27, 1963
Contract Amount - $251,304.12
Work Started Dec. 20, 1963
Bud King Co. & McLaughlin, Inc.
Missoula, Mont., Contractor
J. E. Hughes, Project Engineer
Missoula, Montana
Contract Time - June 15, 1964
Completed - Nov. 24, 1964
Final estimate will be submitted to Division office about Jan. 15, 1965.

I-IG 90-2(14)105, U-4, Bonner - West
Length - 4.852 Miles - Fencing
Contract let April 29, 1964
Amount of Contract - $51,508.34
Work Started July 28, 1964
Work Proceed Date - May 27, 1964
United States Steel Corporation
Portland, Oregon, Contractor
Gilbert Dopp, Project Engineer
Missoula, Montana
Contract Time - 250 Calendar Days
Prob. Comp. Date - Oct. 15, 1965
Suspend-work order effective December 14, 1964. The project is 2% complete with 41% of the contract time elapsed. Construction layout is 47% complete.

I 90-2(22)108, Bonner - Missoula
Length - 454.75' Dual Structures
Contract let June 26, 1963
Amount of Contract - $767,908.24
Work Started July 19, 1963

Pew Bridge Co., Contractor
Missoula, Montana
Warren Hersman, P. E., Missoula
Contract Time - May 31, 1965
Prob. Comp. Date - May 31, 1965

There has been no work the past week because of adverse weather conditions. The project as a whole is 93% complete with 76% of the contract time elapsed.

I-IG 90-2(10)110, U-1, Bonner - Piltzville
Length - 4.291 Miles, Grade-Gravel-PM Surf.
Contract let Oct. 25, 1964
Amount of Contract - $1,519,876.19
Work Started Oct. 31, 1962
Work Proceed Date - Nov. 13, 1962

Murphy Bros., Contractor
Spokane, Washington
Gilbert Dopp, Project Engineer
Missoula, Montana
ContractTime - 450 Calendar Days
Completed - Sept. 30, 1964

Final estimate will be submitted to Division office about Jan. 15, 1965.

I 90-2(20)110, Bonner - Clinton
Length - 9.180 Miles, Signing & Delineation
Contract let March 25, 1964
Amount of Contract - $16,504.99
Work Started July 3, 1964

Skinner Enterprises, Contractor
Helena, Montana
H. C. Wilcox, Res. Engr., Missoula
Contract Time - 30 Calendar Days
Prob. Comp. Date - Jan. 8, 1965

Contractor is still awaiting materials for signs provided in Change Order No. 1.

I 90-2(11)114, U-1, Piltzville - Clinton
Length - 4.711 Miles, Grade-Grav.-PM Surf.
Contract let Nov. 28, 1962
Amount of Contract - $2,017,291.61
Work Started Dec. 10, 1962
Work Proceed Date - Dec. 18, 1962

Bud King Co. & McLaughlin, Inc.
Missoula, Mont., Contractor
H. C. Wilcox, Resident Engineer
Missoula, Montana
Contract Time - 400 Calendar Days
Completed - Sept. 19, 1964

Final estimate will be submitted to Division office about January 8, 1965.

I 90-2(11)114, U-2, Piltzville - Clinton
Length - 4.799 Miles - Fencing
Contract let Nov. 28, 1962
Amount of Contract - $23,741.70

Strandberg & Assoc., Seneca-Mininger & Co., Contractor
H. C. Wilcox, Resident Engineer
Contract Time - June 30, 1964

Final estimate will be submitted to Division office about Jan. 15, 1965. The project was completed on October 14, 1964.

I 90-3(12)151, U-1, & F 205(8), U-1
Drummond - East & West & Drummond - South
Length - 7.959 Miles, G-GS-PMS-Signing
Contract let August 26, 1964
Amount of Contract - $2,392,510.85
Work Started Sept. 4, 1964

Zook Bros.Construction Co.
Great Falls, Mont., Contractor
Harvey M. Gould, Instrumentman
Drummond, Montana
Contract Time - 500 Calendar Days
Prob. Comp. Date - Nov. 30, 1965

Suspend-work order effective December 15, 1964. The project as a whole is 24% complete (interstate) with 17% of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 84% complete. F 205(8), U-1 is 54% complete and there are no engineering personnel on this project.

I 90-3(12)151, U-2, Drummond - East
Length - 6.686 Miles - Fencing
Contract let Sept. 30, 1964
Amount of Contract - $57,172.00
Work Started Nov. 17, 1964

Western Neon, Contractor
Kalispell, Montana
Harvey Gould, Instrumentman
Contract Time - 250 Calendar Days
Prob. Comp. Date - Nov. 30, 1965

I 90-3(12)151, U-2 - cont'd.
Suspend-work order effective December 19, 1964. The project is 5% complete with 9% of the contract time elapsed. Construction layout, with no engineering personnel on project at the present time, remains 45% complete.

I 90-3(12)151, U-3, Drummond - East & West
4 Dual Prestressed Conc. Beam Overpasses
Contract let August 26, 1964
Amount of Contract - $363,900.31
Work Started Sept. 15, 1964
Riklin Construction Co.
Helena, Montana, Contractor
James Taylor, Project Engineer
Contract Time - Oct. 31, 1965
Prob. Comp. Date - Oct. 31, 1965
Work has been shut down until after the first of the new year. The project is 14% complete with 25% of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 24% complete.

F 205(8), Unit 2, Drummond - South
2 Overpasses & River Bridge
Contract let August 26, 1964
Amount of Contract - $232,828.67
Work Started Sept. 15, 1964
Ralph Huckaba, Contractor
Whitehall, Montana
James Taylor, P. E., Drummond
Contract Time - Oct. 31, 1965
Prob. Comp. Date - Oct. 31, 1965
Work has been shut down until after the first of next year. The project remains 16% complete with 25% of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 24% complete.

F 215(12), Unit 1, Lolo - Missoula
Lolo Creek Bridge
Contract let Dec. 18, 1964
Amount of Contract - $59,437.28
Hightower & Lubrecht Const. Co.
Missoula, Montana, Contractor
Warren Hersman, P. E., Missoula
Contract Time - Nov. 30, 1965
Contractor has not advised of his plans for starting work.

S-SG 218(2), Russell Street - Missoula
Length - One 34' & Two 38' Steel Structures
Contract let March 25, 1964
Amount of Contract - $429,579.10
Work Started April 14, 1964
Work Proceed Date - April 14, 1964
Sletten Construction Co.
Great Falls, Mont., Contractor
H. C. Wilcox, Res. Engineer
W. L. Liles, Proj. Engineer
Contract Time - 350 Calendar Days
Prob. Comp. Date - Sept. 30, 1965
Suspend-work order effective December 3rd. The project is 59% complete with 59% of the contract time elapsed. Construction layout is 80% complete.

F-FG 219(16), Unit 1, Evaro - North
Length - 9.8 Miles
Contract let July 25, 1962
Amount of Contract - $997,276.53
Work Started August 14, 1962
Work Proceed Date - Aug. 14, 1962
S. Birch, Inc. & S. Birch & Sons
Great Falls, Mont., Contractor
J. E. Hughes, Project Engineer
Missoula, Montana
Contract Time - 200 Calendar Days
Completed - July 6, 1964
Final estimate will be submitted to Division office about Jan. 18, 1965.

F 219(20), Evaro - North & South
Length - 9.871 Miles - Seal Coating
Contract let May 26, 1964
Amount of Contract - $35,585.59
Work Started July 16, 1964
Work Proceed Date - July 15, 1964
Missoula Paving Co.
Missoula, Montana, Contractor
J. E. Hughes, Project Engineer
Missoula, Montana
Contract Time - Sept. 15, 1964
Completed - Sept. 15, 1964
Final estimate will be submitted to Division office about Jan. 20, 1965.

S 400(3), Grantsdale - Sleeping Child
Contract let March 25, 1964
Amount of Contract - $505,913.15
Length - 6.432 Miles
Work Started April 22, 1964
Work Proceed Date - April 14, 1964
John Paola, Inc., Contractor
Kalispell, Montana
C. W. Taylor, Project Engineer
Hamilton, Montana
Contract Time - 200 Calendar Days
Prob. Comp. Date - May 1, 1965
Suspend-work order effective Dec. 14, 1964. The project is 93% complete with all of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 96% complete.

S 400(4), Grantsdale - Sleeping Child
Length - 6.432 Miles, Agg. Surf. & PM Surf.
Contract let June 25, 1964
Amount of Contract - $211,775.63
Work Started Dec. 8, 1964
Work Proceed Date - July 21, 1964
Bud King Co. & McLaughlin, Inc.
Missoula, Montana, Contractor
C. W. Taylor, Project Engineer
Hamilton, Montana
Contract Time - 200 Calendar Days
Prob. Comp. Date - Aug. 30, 1965
Suspend-work order effective July 21, 1964. The project is 0% complete.

S 407(2), Alberton - Lolo
Length - 456.9' Steel & Conc. Br. & Approaches
Contract let August 28, 1963
Amount of Contract - $252,402.80
Work Started Sept. 10, 1963
Final estimate is being forwarded to Helena this date.
J. Flechsing Co., Contractor
Missoula, Montana
Walter Liles, P. E., Missoula
Contract Time - Oct. 31, 1964
Completed - Oct. 27, 1964

S 413(3) & S 414(3), Hall - East & West
Length - 4.361 Miles, G-GS-PMS & Bridge
Contract let Dec. 18, 1963
Amount of Contract - $333,208.95
Work Started April 6, 1964
Work Proceed Date - Feb. 18, 1964
Maronick Construction Co.
Helena, Montana, Contractor
Sverre Olson, Project Engineer
Box 412, Drummond, Montana
Contract Time - 200 Calendar Days
Prob. Comp. Date - July 1, 1965
Suspend-work order effective October 26, 1964. The project is 96% complete with 84% of the contract time elapsed. Construction layout is 96% complete. Four men are on Project S 343(7) and one man on I 90-3(12)151, U-1.

SMP 4199-64, Granite-Mineral-Missoula-Ravalli
Crush & Stockpile 80,250 Tons ofGravel
Contract let July 29, 1964
Amount of Contract - $128,322.00
Work Started August 31, 1964
Work Proceed Date - Aug. 19, 1964
M. & S. Construction Co.
Missoula, Montana, Contractor
D. R. Lohn, Soils Engineer
Missoula, Montana
ContractTime - 140 Calendar Days
Prob. Comp. Date - Feb. 15, 1965
Suspend-work order effective December 15, 1964. The project is 52% complete with 84% of the contract time elapsed.

Sam F. Thompson, Division Engineer

SFT:cn

STATE HIGHWAY COMMISSION
Kalispell, Montana
January 1, 1965

State Highway Commission
Helena, Montana

Weekly News Letter
Area 1230

Gentlemen:

The following report is for pre-construction and construction activities in Area 1230 for the week ending January 1, 1965.

G E N E R A L

Progress for the past week has been poor. More snow and colder weather has stopped all construction activities. Temperatures ranged from a low of -2° to a high of 30°. All roads are snow covered and icy in some of the sections.

P R E - C O N S T R U C T I O N

F 63 (8) Ronan North & South
S 306 (6) H. Street in Ronan
S 432 (1) H. Street in Ronan
Length - 12.0 Miles
Survey Started - Jan. 16, 1964

J. W. Clayton, Project Engr.
Kalispell, Montana
Prob. Comp. Date: Feb. 26, 1965

All location data for the first part of the section from Allen Town to the intersection of "H" street in Ronan has been completed and submitted to the District Engineer at Missoula. The balance of the survey from "H" street in Ronan to the south end of F 191 (16) will be completed at an early date. Survey is now approximately 77% complete.

S 157 (3) Kalispell-Lupfer
Survey Started - July 9, 1962
Length - 4.0 Miles
Design Started - April 10, 1963

D. M. Bishop, Office Engr.
Kalispell, Montana
Prob. Comp. Date: Jan. 15, 1965

No progress this past week as design is presently being held up for soils data before seeking a typical section. Design is approximately 10% complete.

F 257 (16) West Glacier-Southwest
Length - 10.0 Miles
Survey Started - November 5, 1962

D. M. Bishop, Office Engr.
Kalispell, Montana
Prob. Comp. Date: Jan. 30, 1965

With the exception of some water line crossing, all field work is complete on this location. As soon as these are completed and noted on the hardshell, the location data will be forwarded to Helena.

S 424 (1) Polson-Northwest
Length - 5.5 Miles
Survey Started - March 23, 1964

W. M. Clack, Project Engr.
Kalispell, Montana
Prob. Comp. Date: Feb. 15, 1965

No progress the past week. Alternate line at the beginning of the survey has been run in and cross-sectioned. Survey was temporarily suspended on April 14, 1964. Survey is approximately 25% complete as far as the field is concerned.

CONSTRUCTION

S 58 (6) Perma-Hot Springs
Grade, GS, PMO & BR & R.R. Overpass
Length - 1.056 Miles
Contract Let - August 28, 1963
Work Started - Sept. 16, 1963
Contract Amount - $721,004.21

A & B Construction Co.
Helena, Montana
L. D. Claridge, Project Engr.
Hot Springs, Montana
Comp. Date: Aug. 31, 1965
Prob. Comp. Date: Aug. 31, 1965

Little or no activity on this project the past week due to the weather. The river has a considerable amount of ice and this has caused some concern to the contractor because of his work bridge. All completion percentages remain the same with the project 46% complete as a whole and 59% of the total contract time elapsed. There are no detours and the PTW is in fair travel condition. Construction layout with a 2 man engineering crew engaged is 96% complete.

S 65 (6) Bigfork-Swan River
Grade, Drain & 225' Bridge
Length - 4.9 Miles
Contract Let - Dec. 19, 1962
Proceed Order - Jan. 8, 1963
Work Started - Jan. 15, 1963
Contract Amount - $608,969.45

Bud King Construction Co.
Missoula, Montana
W. J. Hebert, Resident Engr.
Kalispell, Montana
Comp. Date: 250 Cal. Days
Comp. - July 3, 1964

Final estimate is being delayed in the Division Office due to non-approval of C. O. #5. Final should be ready for submittal about Jan. 15, 1965.

S 65 (7) Bigfork-Swan River
Gravel Surf. & Pl. Mix Bit. Surf.
Length - 4.9 Miles
Contract Let - Jan. 29, 1964
Work Started - June 17, 1964
Contract Amount - $302,155.15

Walter Laas
Chester, Montana
W. J. Hebert, Resident Engr.
Kalispell, Montana
Comp. Date: 140 Cal. Days
Prob. Comp. Date: July 1, 1965

A winter shut down was issued the contractor on Oct. 23, 1964. Sub-contractor attempted to begin plant mix operations but due to the lateness of the season, this was given up. All items of the contract are complete with the exception of the Plant Mix surfacing and 3/8" cover material. Type 2 Pl. Mix is 7% complete with the 100-120 Pen. Asph. 7% complete. Project as a whole is 72% complete with 82% of the total contract time elapsed. There is no one on the project as of the present time and construction layout is 100% complete.

F 191 (24) Lakeside-South
Grade, Gravel Surf. & Pl. Mix Surf.
Length - 5.930 Miles
Contract Let - Oct. 30, 1963
Proceed Order - Nov. 19, 1963
Work Started - Nov. 11, 1963
Contract Amount - $1,377,696.52

Zook Brothers Const. Co.
Great Falls, Montana
W. J. Hebert, Resident Engr.
Kalispell, Montana
Comp. Date: 350 Cal. Days
Comp. Date: Dec. 12, 1964

Final estimate is being worked up in the Division headquarters. Three men are presently working on the Final and have this about 20% complete and should have this complete by Fe b. 1, 1965.

F 260 (10) West Glacier-East
Gr. GS, RMP and Support Wall
Length - 0.521 Miles
Contract Let - Sept. 30, 1964
Proceed Order - Oct. 20, 1964
Work Started - Oct. 26, 1964
Contract Amount - $293,680.10

Neil R. Miller Co.
Missoula, Montana
J. W. Clayton, Project Engr.
Kalispell, Montana
Comp. Date: 150 Cal. Days
Prob. Comp. Date: July 1, 1965

A Suspend Work Order was issued the contractor at the close of work on Dec. 14, 1964, and the contractor does not anticipate any further activities until weather permits. The Uncl. Borr. Exc. is 85% complete and the O. H. of Uncl. Borr. Exc. is 98% complete. Project as a whole is 53% complete with 33% of the total contract time elapsed. There are no detours and the PTW is snow packed but in generally good winter travel condition. Construction layout is 41% complete with no one on the job site at the present time.

S 410 (3) Yaak River Road
Grade and Drain
Length - 6.565 Miles
Contract Let - Sept. 30, 1964
Proceed Order - Oct. 20, 1964
Work Started - Nov. 4, 1964
Contract Amount - $633,562.64

Walter Laas
Chester, Montana
N. L. Nelson, Instrumentman
Troy, Montana
Comp. Date: 250 Cal. Days
Prob. Comp. Date: Sept. 1, 1965

Poor progress the past week. The contractor suspended all operations until after the first of the year due to weather conditions. The clearing and grubbing is now 64% complete. The project as a whole is 7% complete with 6% of the total contract time elapsed. There are no detours and the PTW is snow packed. Construction layout with a 5 man engineering crew engaged is 23% complete.

Ray Spurzem,
Division Engineer.

RS:ph

STATE HIGHWAY COMMISSION

Butte, Montana

January 1, 1965

State Highway Commission
Helena, Montana

WEEKLY NEWSLETTER
Division 2130

Gentlemen:

The following report covers construction and pre-constructionoperations in Division 2130 for the week ending January 1, 1965.

Progress throughout this division has been reasonable during the past week. The weather has been cold with wind and snow throughout the division. Temperatures ranged from -10 below zero to +35 degrees above zero. The traveling public is experiencing no trouble on any of the construction projects due to construction operations.

PRE-CONSTRUCTION

I 15-3 (3) 157
Boulder Hill
Jefferson County.
10.5 miles.

Morrison - Maierle, Inc.,
Consulting Engineers,
Estimated Completion date:
April, 1966.

Location study is 70% complete. Ameeting is scheduled this week with the Highway Department for review of the location study findings to date. Ground control surveys for photogrammetry are 50% complete with 5 miles of horizontal control base line chained and vertical control points on 6 miles completed to date.

S 59 (2)
Alder South
Madison County.
6.658 miles location.

C. R. Quackenbush, Project Engineer,
Alder, Montana.
Probable completion date:
January 15, 1965.

A five (5) man engineering crew has been assigned to this project to complete field revisions so that design operations can proceed. During the past week a four (4) man field party obtained cross sections in the Barton Gulch Area and finished running line. Levels run and bench marks established are 100% complete. Centerline staked is 100% complete. During the week this crew expended twelve (12) man days making a total of seven hundred ninty one (791) man days used to date. Design work on this survey is 0.5% complete. Location surveying is 73% complete.

I 90-5 ( ) 251
Cardwell - West
4.0 miles location.
Jefferson County.

Anthony Strojan, Project Engineer,
Butte, Montana.
Probable completion date:
February 28, 1965.

Field work on the major portion of this location survey was completed in April of 1960 and the remainder of work was resumed on July 16, 1964. There was no work on this project during the past week. A total of one hundred eighty seven (187) man days have been used to date on this new phase of subject project. The hard-shell for this project is 95% complete. The profile 27% complete and the entire survey is 89% complete.

PRE-CONSTRUCTION

I 90-5 ( ) 255
Cardwell - Milligan Canyon
9.0 miles location.
Jefferson County.

Anthony Strojan, Project Engineer,
Probable completion date:
January 30, 1965.

Work during the past week consisted of running centerline profile and levels. Plotting of the hardshell in the Division office is progressing. All ownerships have been checked. Centerline staked is 100% complete, levels run are 40% complete, topography taken is 26% complete and plan plotted is 20% complete. During the week a four (4) man engineering crew and one (1) man in the Division office expended sixteen (16) man days making a total of three hundred one (301) man days used to date on this phase of location surveying. This portion of this location survey is now 42% complete.

C O N S T R U C T I O N

S 9 (10)
Cardwell - Boulder
Shaping, aggregate surfacing, and plant mix bituminous surfacing.
3.662 miles.
Jefferson County.
Contract let: March 25, 1964.
Bid price: $98,377.59
Work started: May 13, 1964.

R. J. Sundling and Son, Inc., Contractor,
Livingston, Montana.
Eugene CAmpbell, Project Engineer,
Whitehall, Montana.
Contract time: 120 calendar days.
Probable completion date:
June 30, 1965.

A Suspend Order was issued on subject project effective September 21, 1964. There was no work on this project during the past week. Percentages complete for these items remain as previously reported. The project as a whole is 86% complete with 100% of the contract time elapsed. The construction layout on this project is 100% complete.

I 15-1 (17) 46 U-1
Pipe Organ North and South
Beaverhead County.
Grade, gravel surface, plant mix surfacing, and small drainage structures.
5.337 miles.
Contract let: May 22, 1963.
Work started: July 25, 1963.
Bid price: $789,267.64.

Peter Kiewit Sons' Company,
Contractor, Billings, Montana.
Robert Hunter, Project Engineer,
Dillon, Montana.
Contract time: 330 calendar days.
Actual completion date:
October 12, 1964.

The final estimate and supporting data was submitted to Helena December 31, 1964.

I 15-1 (20) 51 U-1
Pipe Organ - North
Grading, aggregate surfacing, plant mix surfacing, draining and signing.
6.786 miles.
Beaverhead County.
Contract let: November 24, 1964.
Bid price: $1,745,735.27
Work not started:

Naranche and Konda Construction Company,
Contractor, Butte, Montana.
Robert Hunter, Project Engineer,
Dillon, Montana.
Contract time: 350 calendar days.
Probable completion date::
July 31, 1966.

I 15-1 (20) 51 U-1 Cont'd.
Five (5) engineers are engaged in the construction staking of this project. To date centerline is 80% staked and R/W line is 50% staked. To date no word has been received from the contractor as to when he plans to start work.

I 15-1 (20) 51 U-2
Pipe Organ - North
Fencing.
6.786 miles.
Beaverhead County.
Contract let: November 24, 1964.
Bid price: $41,793.00
Work not started:

Henry D. Hildreth, Contractor,
Dillon, Montana.
Robert Hunter, Project Engineer,
Dillon, Montana.
Contract time: 200 calendar days.
Probable completion date:
July 31, 1966.

Construction staking will advance as fencing operations warrant. To date no word has been received from the contractor as to when he plans to start work.

I 15-1 (20) 51 U-3
Pipe Organ - North
The construction of a 123' prestressed concrete beam overpass, 188' prestressed concrete beam river bridge and a 153' prestressed concrete beam river bridge.
0.089 miles.
Beaverhead County.
Contract let: November 24, 1964.
Bid price: $219,109.87
Work not started:

Haggerty - Messmer Company,
Contractor, Bozeman, Montana.
Albert Rankin, Project Engineer,
Dillon, Montana.
Completion date:
September 30, 1965.
Probable completion date:
September 30, 1965.

To date no word has been received from the contractor as to when he plans to start work.

I 15-2 (14) 127 U-1, F 207 (8) and F 279 (4)
Butte Urban Section
Butte - Pipestone Pass
and Brewery By Pass Butte Road.
Grading, aggregate surfacing, concrete paving, plant mix bituminous surfacing, construction of small drainage structures and seal coat oiling.
3.361miles.
Contract let: August 30, 1961.
Bid price: $1,726,708.62
Work started: September 26, 1961.

Bud King Construction Company,
Contractor,
Missoula, Montana.
Ben Miller, Project Engineer,
Butte, Montana.
Contract time: 400 calendar days.
Actual completion date:
November 20, 1963.

All work on these projects was completed on November 20, 1963. The Final estimate and supporting data for project I 15-2 (14) 127 will be submitted to the Division office on or about January 15, 1965. The final data for Projects F 207 (8) and F 279 (4) were submitted to Helena on June 26, 1964.

CONSTRUCTION

I IG 15-2 (16) 126 U-1
Butte Urban (Montana Street-West)
& I 115-2 (2) 126 U-1, Butte Spur
Silver Bow County.
Grading, aggregate surfacing, plant mix bituminous surfacing, concrete pavement and draining, 2.554 miles.
Contract let: May 23, 1962.
Bid price: $1,826,707.87
Work started: June 18, 1962.

Kiely Construction Company, Contractor, Butte, Montana.
Ben Miller, Project Engineer, Butte, Montana.
Contract time: 400 calendar days.
Actual completion date: November 19, 1964.

Work on this project was completed on November 19, 1964 and final inspection and acceptance made on December 2, 1964. The final estimate and supporting data will be submitted to the Division office on or about January 18, 1965.

I IG 15-2 (16) 126 U-3
Butte Urban (Montana Street-West)
& I 115-2 (2) 126 U-3
Silver Bow County.
2.554 miles.
Fencing.
Contract let: May 23, 1962.
Bid price: $26,008.46
Work started: September 4, 1963

U. S. Steel Corporation, American Steel & Wire Division, Cyclone Fence Department, Portland, Oregon, Contractor.
Ben Miller, Project Engineer, Butte, Montana.
Contract time: 200 calendar days.
Probable completion date: January 30, 1965.

A Suspend Order was issued on subject project effective June 15, 1964. There was no work on this project during the past week. All items remain complete as previously reported. The project as a whole is 99% complete with 77% of the contract time elapsed.

I IG 15-2 (17) 130 U-1 and
S 213 (4) Upper Nine Mile
connection to Interstate.
Grading, aggregate surfacing, cement stabilized base, concrete pavement, plant mix bituminous surfacing and construction of small drainage structures.
2.104 miles.
Silver Bow County.
Contract let: April 25, 1962.
Bid price: $732,528.92
Work started: May 7, 1962.

Bud King Construction Company, & McLaughlin, Inc., Contractor, Missoula, Montana and Great Falls, Montana.
Ben Miller, Project Engineer, Butte, Montana.
Contract time: 300 calendar days.
Actual completion date: November 20, 1963.

Work on this project was completed on November 20, 1963. The final estimate and supporting data will be submitted to the Helena office on or about January 30, 1965. The final estimate and supporting data for project S 213 (4) was submitted to Helena on August 11, 1964.

C O N S T R U C T I O N

I IG 15-2 (18) 131 U-1
Butte - North
Grade, gravel surface, plant mix surfacing, draining, construction of a 230.5' steel and concrete railroad overpass and signing.
3.556 miles.
Silver Bow County.
Contract let: February 26, 1964.
Bid price: $2,640,783.88
Work started: April 9, 1964.

F. & S. Contracting Company, Contractor, Butte, Montana.
John McGeever, Project Engineer, Butte, Montana.
John McCarthy, Resident Engineer, Butte, Montana.
Contract time: 450 calendar days.
Probable completion date: July 31, 1966.

A Suspend Work Order was issued on this project effective December 14, 1964 due to inclement weather. There was no work on this project during thepast week. Excavation for theAnaconda Company's water line revision is suspended. Utility changes by the Montana Power Company are also suspended. Unclassified excavation is 83% complete, drainage items are 84% complete and use of dozer is 46% complete. Construction layout is 85% complete with a five (5) man engineering crew and four (4) inspectors engaged. The contract as a whole is 72% complete with 46% of the contract time elapsed.
Structure:--Work on the Northern Pacific Railroad overpass, Station 52+60, was suspended on October 2, 1964. Construction operations will be resumed on end Bent No. 1 and No. 5 when the approach embankments are completed. The deck and curbs of Span No. 2 and Span No. 3 are complete. The structure as a whole is 59% complete.

I IG 15-2 (18) 131 U-2
Butte North
Fencing.
3.556 miles.
Silver Bow County.
Contract let: February 26, 1964.
Bid price: $15,225.60
Work not started:

Sletten Construction Company, Contractor, Great Falls,Montana.
John McGeever, Project Engineer, Butte, Montana.
Contract time: 250 calendar days.
Probable completion date: September 30, 1965.

A Suspend Order was issued on subject project effective March 16, 1964 due to inclement weather. The construction layout for this project is 100% complete. The engineering crew assigned to this project is also engaged in construction staking on project I IG 15-2 (18) 131 Unit 1. The project as a whole is 0% complete with 0% of the contract time elapsed.

I 15-2 (19) 126
Butte Urban (Montana Street east and west)
Silver Bow County.
Signing and Delineation.
5.751 miles.
Contract let: July 24, 1963.
Bid price: $155,636.80
Work started: Spetember 24, 1963.

Lewis Construction Company, Contractor, Great Falls, Montana.
Ben Miller, Project Engineer, Butte, Montana.
Completion date: 10 calendar days after the completion of the grading of projects I IG 15-2 (14) 127, I IG 15-2 (16) 126 and I 15-2 (17) 130.
Probable completion date: April 30, 1965.

I 15-2 (19) 126 Cont'd.
A Suspend Work Order was issued on subject project effective November 25, 1964. There was no work on this project during the past week. All work under this contract is now complete with the exception of minor cleanup and replacing some signs that had defective coloring. The project as a whole is 99% complete and the construction layout is 100% complete.

S 35 (13)
Jackson - Dillon
Grading and draining.
10.215 miles.
Beaverhead County.
Contract let: November 24, 1964.
Bid price: $377,763.28
Worknot started:

Zook Brothers Construction Company,
Contractor, Great Falls, Montana.
Robert Hunter, Project Engineer,
Dillon, Montana.
Contract time: 280 calendar days.
Probable completion date:
October 30, 1965.

A Suspend Order was issued on subject project effective December 14, 1964 due to inclement weather. Construction staking of this project has been suspended. The construction layout for this project is now 34% complete. To date no word has been received from the contractor as to when he plans to start work. The project as a whole is 0% complete with 0% of the contract time elapsed.

F 43 (17)
Wisdom - Divide
Plant Mix bituminous surfacing,
15.891 miles.
Beaverhead and Deer Lodge Counties.
Contract let: June 25, 1964.
Bid price: $273,294.30
Work not started:

Schultz and Lindsay Construction Company,
Contractor, Billings, Montana.
Project Engineer, Unassigned.
Contract time: 180 calendar days.
Probable completion date:
June 30, 1965.

A Suspend Order was issued on subject project effective July 20, 1964. The contractor has advised that he does not plan to start work until the spring of 1965. The project as a whole is 0% complete with 0% of the contract time elapsed.

I IG 90-4 (7) 205 U-1
Opportunity Junction - East & West
Road and F FG 68 (12) U-1
Anaconda - East Road.
Deer Lodge and Silver Bow Counties.
Grading, aggregate surfacing, cement stabilized base, plant mix bituminous surface, draining, signing and delineation.
7.177 miles.
Contract let: December 19, 1962.
Bid price: $1,988,113.75
Work started: March 11, 1963.

Peter Kiewit Sons' Company,
Contractor, Billings, Montana.
William Birkenbuel, Project Engineer,
Butte, Montana.
Contract time: 400 calendar days.
Actual completion date:
October 23, 1964.

All work on this project was completed October 23, 1964. The final estimate and supporting data will be submitted to the Division office on or about January 15, 1965.

I IG 90-4 (7) 205 U-3
Opportunity Junction - East & West Road
Deer Lodge and Silve r Bow Counties.
Fencing.
4.493 miles.
Contract let: December 19, 1962.
Bid price: $24,771.48
Work started: April 4, 1963.

Skinner Enterprises, Contractor,
Helena, Montana.
William Birkenbuel, Project Engineer,
Butte, Montana.
Contract time: 200 calendar days.
Actual completion date:
November 19, 1964.

The final estimate and supporting data was submitted to Helena on December 30, 1964.

I 90-4 (8) 226 U-1
Butte East
Grading, aggregate surfacing, concrete pavement, plant mix surfacing, cement stabilized base, draining, and signing.
4.837 miles.
Silver Bow County.
Contract let: December 18, 1963.
Bid price: $1,059,830.39
Work started: January 28, 1964.

Kiely Construction Company,
Contractor, Butte, Montana.
BenMiller, Project Engineer,
Butte, Montana.
Contract time: 400 calendar days.
Probable completion date:
September 30, 1965.

A Suspend Order was issued on subject project on October 22, 1964 because concrete paving could not be started this late in the season. There was no work on this project during the past week. Percentages complete remain as previously reported. The project as a whole is 51% complete with 45% of the contract time elapsed. Construction layout is 96% complete.

I 90-4 (8) 226 U-2
Butte East
Fencing.
2.837 miles.
Silver Bow County.
Contract let: December 18, 1963.
Bid price: $20,215.50
Work started: May 6, 1964

Bohleen Construction Company,
Contractor,
Wilsall, Montana.
Ben Miller, Project Engineer,
Butte, Montana.
Contract time: 250 calendar days.
Probable completion date:
May 30, 1965.

A Suspend Order was issued on subject project effective October 28, 1964 due to the incompleteness of the grading project. There was no work on this project during the past week. CW Wire fence is now 94% complete. The project as a whole is 67% complete with 44% of the contract time elapsed. The construction layout is 95% complete.

I 90-4 (10) 229 U-1 and
I 90-5 (6) 231 U-1
Homestake East and West
Grading, aggregate surfacing, plant mix surfacing, draining, aigning and the construction of a 229.5' concrete overpass.
4.906 miles.
Silver Bow and Jefferson Counties.
Contract let: May 26, 1964.
Bid price: $3,356,008.36
Work started: July 8, 1964.

Naranche and Konda Construction Co.,
Contractor, Butte, Montana.
Ben Miller, Project engineer-grading,
Butte, Montana.
Loren Matkin, Project Engineer-structure,
Butte, Montana.
Contract time: 450 calendar days.
Probable completion date:
August 31, 1966.

CONSTRUCTION

A Resume Work Order was issued for these projects effective December 28, 1964.
I 90-4 (10) 229 U-1:--Progress during the week was fair. Work during the week consisted of the burning of brush, conducting pioneering operations from station 260 to 285 and conducting drilling operations in the cut areas from stations 249 to 285. Clearing and grubbing operations are 85% complete. Unclassified excavation is 38% complete and drainage items are 36% complete. During the week the contractor worked two (2) eight (8) hour shifts with twenty seven (27) men employed. The construction layout is 95% complete with one (1) inspector and six (6) engineers employed. The project as a whole is 31% complete with 33% of the contract time elapsed.
I 90-5 (6) 231 U-1:--Progress during the past week was good. Work consisted of conducting unclassified excavation operations from station 372 to 400. Drilling and blasting operations are being conducted in the cut areas. Clearing and grubbing is 90% complete, unclassified excavation is 54% complete and culvert installation is 57% complete. During the week the contractor worked two (2) eight (8) hour shifts with fourteen (14) men employed. One (1) inspector and ten (10) engineers are engaged on this project with the construction layout 65% complete. The project as a whole is 42% complete with 33% of the contract time elapsed.
Structure:--There will be no more work performed on this structure until the spring of 1965. Percentages complete remain as previously reported. The structure as a whole is 27% complete with 33% of the contract time elapsed.

I 90-4 (10) 229 U-2
I 90-5 (6) 231 U-2, I 90-5 (7) 233 U-2

Homestake East & West and Pipestone Hot Springs West.
Fencing.
12.047 miles.
Silver Bow and Jefferson Counties.
Contract let: June 24, 1964.
Bid price: $56,628.50
Work started: August 7, 1964.

Kober Construction Company, Contractor, Billings, Montana.
Eugene Campbell, Project Engineer Whitehall, Montana.
Ben Miller, Project Engineer, Butte, Montana.
Contract time: 300 calendar days.
Probable completion date: September 30, 1965.

A Suspend Order was issued on these projects effective November 25, 1964 due to conflict of operations between prime contractor and fencing contractor and a winter shutdown was issued effective December 11, 1964.
Project I 90-4 (10) 229 U-2:--There was no work onthis project during the past week.
Project I 90-5 (6) 231 U-2:--There was no work on this project during the pastweek. Items complete remain as previously reported. The project as a whole is 13% complete with 37% of the contract time elapsed.
Project I 90-5 (7) 233:-- There was no work on this project during the past week. Percentages complete remain as previously reported. The project as a whole is 21% complete with 37% of the contract time elapsed. The construction layout is 100% complete.

I 90-5 (7) 233 U-1

Pipestone Hot Springs - West
Grading, aggregate surfacing, plant mix bituminous surfacing, draining, signing and the construction of a 123.0' dual concrete beam overpass.
7.141 miles.
Jefferson County.
Bid price: $6,468,163.04
Contract let: June 24, 1964.
Work started: June 28, 1964.

Peter Kiewit Sons' Company, Contractor, Billings, Montana.
W. C. Birkenbuel, Project Engineer-grading, Butte, Montana.
Loren Matkin, Project Engineer-structure, Butte, Montana.
Contract time: 500 calendar days.
Probable completion date: August 31, 1966.

I 90-5 (7) 233 U-1 Cont'd.
A Suspend Order was issued on subject project effective December 15, 1964 due to inclement weather. Progress during the week was poor. During the past week work consisted of installing 60 feet of 84" SPP At station 728+85 on the South Frontage Road and conducting drilling operations in cut areas. Unclassified excavation operations are 26% complete and clearing operations are 71% complete. During the week the contractor worked one (1) ten (10) hour shift. Twenty two (22) engineers are engaged in the construction staking of subject project and three (3) inspectors are engaged in constructionoperations. The construction layout is 62% complete. The project as a whole is 24% complete with 28% of the contract time elapsed.
Structure:--There was no work on this structure during the past week. The contractor does not plan to resume work on this structure until the spring of 1965. Items complete remain as previously reported. The structure as a whole is 60% complete with 28% of the contract time elapsed.

I IG 90-5 (5) 241 U-1
I 90-5 (8) 231 & F 69 (11)
Whitehall East, Homestake Pass Access Road and The Whitehall North Road.
Grading, aggregate surfacing, plant mix bituminous surfacing, signing, draining and the construction of a 274.5' prestressed concrete underpass. on the Whitehall East and West Interstate project.
Grading, aggregate surfacing,plant mix surfacing, signing and draining on the Whitehall North Road.
Grading, aggregate surfacing, draining, and signing on the Homestake Access Road.
A total of 12.624 miles.
Jefferson County.
Contract let: October 28, 1964.
Bid price: $2,837,392.42
Work not started:

Nilson SMith Construction Company, Contractor, Great Falls, Montana.
Ray Masters, Project Engineer-grading, Whitehall, Montana.
B. C. Miller, Project Engineer-I 90-5 (8) Butte, Montana.
J. F. McCarthy, Resident Engineer, structure, Butte, Montana.
Contract time: 450 calendar days.
Probable completion date: October 31, 1966.

A Suspend Order was issued on these projects effective December 1, 1964 due to inclement weather.
I IG 90-5 (5) 241 U-1:--Construction staking of this project is underway. Centerline has been staked from station 825+00 to 1330+31.9. Fourteen (14) engineers are engaged in the construction staking of this project. Staking of the structures on this project has not yet started. Some equipment is being moved onto the project and some pipe has been delivered to the project. The project as a whole is 0% complete with 0% of the contract time elapsed.
I 90-5 (8) 231:--Construction staking on this project during the past week consisted of slope staking from station 37+50 to 33+92. Centerline has been staked from station 0+00 to 137+00. The construction layout for this project is 24% complete with five (5) engineers engaged. To date no word has been received from the contractor as to when he plans to start work. The project as a whole is 0% complete with 0% of the contract time elapsed.

CONSTRUCTION

I IG 90-5 (5) 241 U-2
ROW I IG 90-5 (4) 240
Fencing on the Whitehall East and West Road.
9.627 miles.
Jefferson County.
Contract let: October 28, 1964.
Bid price: $60,846.20
Work not started:

Kober Construction Company,
Contractor, Billings, Montana.
Project Engineer-Unassigned.
Contract time: 250 calendar days.
Probable completion date:
November 30, 1965.

A Suspend Order was issued on subject project effective December 1, 1964 due to inclement weather. Authorization to stake this project for construction was granted on October 6, 1964. To date no word has been received from the contractor as to when he plans to start work.

I IG 90-5 (5) 241 U-3
Whitehall East and West Road
The construction of three (3) dual overpasses as follows:
The construction of dual 314.75' steel overpasses over the N. P. Railway.
The constructionof dual 108' pre-stressed concrete beam grade separations and the construction of dual 128' prestressed concrete beam interchange structures.
0.104 miles.
Contract let: October 28, 1964.
Jefferson County.
Bid price: $373,279.14
Work started: December 9, 1964.

Ralph Huckaba, Contractor,
Whitehall, Montana.
John McCarthy, Resident Engineer,
Butte, Montana.
Completion date: July 31, 1966.
Probable completion date:
July 31, 1966.

During the week the contractor completed driving test pile for Bents Nos. 1, 2, 3, and 4 of the West Bound Structure at station 972+54.83. Structural excavation is 6.5% complete. The project as a whole is 2% complete with 10% of the contract time elapsed. The construction layout is 15% complete with a five (5) man engineering crew engaged on this project and project I IG 90-5 (5) 241 U-1 and project I IG 15-2 (18) 131 Unit 1 both structures.

I IG 90-6 (15) 276
Three Forks - Manhattan Road
Gallatin County.
Aggregate surfacing, cement stabilized base, concrete paving and signing.
10.437 miles.
Contract let: July 24, 1963.
Bid price: $2,148,762.96
Work started: October 22, 1963.

Peter Kiewit Sons' Company,
Contractor, Billings, Montana.
Ray Masters, Project Engineer,
Three Forks, Montana.
Contract time: 260 calendar days.
Probable completion date:
April 1, 1965.

I IG 90-6 (15) 276 Cont'd.
A Suspend Order was issued on subject project effective December 15, 1964due to inclement weather. There was no work on this project during the past week. All items are 100% complete with the exception of signing which is 95% complete and guard rail which is 95% complete. Traffic is now using this project. The project as a whole is 99% complete with 89% of the contract time elapsed. Construction layout is 100% complete.

S 426 (4)
Logan - North
Grading, aggregate surfacing and draining.
0.238 miles.
Gallatin County.
Contract let: October 28, 1964.
Bid price: $43,737.93
Work not started:

Schultz and Lindsay Construction Company, Contractor, Billings, Montana.
Ray Masters, Project Engineer, Three Forks, Montana.
Contract time: 150 calendar days.
Probable completion date: August 31, 1965.

A Suspend Order was issued on subject project effective November 16, 1964 due to inclementweather. Authorization to stake this project for construction was granted on October 6, 1964. Staking operations commenced on December 10, 1964. Centerline has been staked from station 0+12 to 12+50. To date no word has been received from the contractor as to when he plans to start work.

SMP 2258-01
Boulder Pedestrian Crossing
The construction of a 100' x 7.25' pedestrian underpass.
Jefferson County.
Contract let: September 30, 1964.
Bid price: $17,489.90
Work started: October 19, 1964.

American Building Company, Contractor, Helena, Montana.
John McCarthy, Resident Engineer, Butte, Montana.
Completion date: June 30, 1965.
Probable completion date: June 30, 1965.

Some progress was made during the week. All railing and fence was installed. Spot painting and some concrete finishing remains to be done, but will have to wait for warmer weather. The job as a whole is 95% complete with 33% of the time elapsed. During the week the contractor employed an average of two (2) men for three (3) eight (8) hour shifts. The construction layout is 99% complete with one (1) bridge inspector employed as needed.

STATE MAINTENANCE PROJECT SMP 2299-64
Crushing and stockpiling of 65,000 tons 5/8" Type A top surfacing, 15,000 tons of 3/8" cover material and 15,000 tons of 3/8" sanding material from six (6) crusher set ups in Jefferson and Lewis & Clark Counties.
Contract let: January 29, 1964.
Bid price: $106,700.00
Work started: June 3, 1964.

Helena Sand & Gravel, Contractor, Helena, Montana.
Nick Stijacich, Inspector,
Contract time: 180 calendar days.
Probable completion date: April 30, 1965.

CONSTRUCTION

STATE MAINTENANCE PROJECT 2299-64 Cont'd.

A suspend Order was issued on subject project effective September 29, 1964. All items remain complete as previously reported. The project as a whole is 59% complete with 66% of the contract time elapsed. To date no word has been received from the contractor as to when he plans to resume work.

Respectfully submitted

George W. Tippett

GEORGE W. TIPPETT
DIVISION ENGINEER

GWT:LJH:ce

BEST WISHES IN THE NEW YEAR

Div. 2130 - 12.
Butte

STATE HIGHWAY COMMISSION

Bozeman, Montana

December 31, 1964

Weekly Newsletter
Division 2230

State Highway Commission
Helena, Montana 59601

Gentlemen:

The following report covers the work accomplished in Division 2230 during the week ending December 31, 1964.

G E N E R A L

The weather has been fair being cool throughout the entire division this past week. The daytime highs have ranged from 27° to 35°. All construction projects have suspended operations for the winter season with the exception of some structures.

PRE-CONSTRUCTION

F 60 (13) NW of Clyde Park-NW
Length 3.302 Miles
Survey Authorized Oct. 26, 1964
Survey Started December 1, 1964

Robert S. Ricketts, Project Engineer
Wilsall, Montana
Probable Completion Date January 29, 1965

A four-man engineering crew worked one day running and checking levels, both being completed. The survey as a whole is 40% complete with 34 man-days expended to date.

I 90-5 ( ) 272
Three Forks-West
Length 3.1 Miles
I IG 90-6 ( ) 275
Three Forks-East
Length 1.4 Miles
Surveys Authorized December 3, 1959

John J. Anderson, Project Engineer
Manhattan, Montana
Probable Completion Date March 15, 1965

It is estimated the work will commence on this project the first part of January, 1965.

F 239 (11) No. of Wilsall-NW
Length 5.686 Miles
Survey Authorized Oct. 26, 1964
Survey Started December 1, 1964

Robert S. Ricketts, Project Engineer
Wilsall, Montana
Probable Completion Date March 31, 1965

A four-man engineering crew worked 3 days this past week running levels and establishing B.M's both of which are 70% complete. The survey as a whole is 34% complete with 69 man-days expended to date.

F 244 (8) Raynolds Pass Jct.
Northwest
Length 9.8 Miles
Survey Authorized May 9, 1962
Survey Started January 29, 1963
Survey Suspended August 23, 1963
Survey Resumed December 10, 1963
Survey Suspended May 28, 1964
Survey Resumed December 1, 1964

Raymond W. Esp, Project Engineer
Ennis, Montana
Probable Completion Date January 15, 1965

No work was accomplished on this project the past week. The field work is complete with the exception of referencing points. The survey as a whole remains 99% complete with 804 man-days expended to date.

S 427 (1) South of Cameron-SW
Length 1.6 Miles
Survey Authorized May 6, 1964
Survey started December 8, 1964

Raymond W. Esp, Project Engineer
Ennis, Montana
Probable completion Date January 15, 1965

A four-man engineering crew worked four days this past week taking topography which is 30% complete. The survey as a whole is 37% complete with 69 man-days expended to date.

C O N S T R U C T I O N

I IG 90-6 (10) 282 U-1
Logan-Manhattan
Length 4.971 Miles
Grade & Drain
Dual 158' Overpass &
234.5' Interchange Structure
Contract Amount $1,244,468.61
Contract Awarded April 24, 1963
Work Started May 31, 1963

Zook Bros. Construction Co.
Great Falls, Montana
J. Anderson, Project Engineer
Manhattan, Montana
J. Sullivan, Res. Engineer (Str.)
Bozeman, Montana
Contract Time 300 Calendar Days
Completed December 2, 1964

No work was accomplished on this project the past week. The Final Estimate remains 45% complete with estimated submittal date to the Division Office being January 29, 1965.

I IG 90-6 (10) 282 U-2
Logan-Manhattan
Length 4.971 Miles
Fencing
Contract Amount $30,287.25
Contract Awarded April 24, 1963
Work Started May 31, 1963

R. J. Sundling & Sons, Inc.
Livingston, Montana
J. Anderson, Project Engineer
Manhattan, Montana
Contract Time 200 Calendar Days
Completed October 28, 1964

No work was accomplished on this project the past week. The Final Estimate remains 50% complete with estimated submittal date to the Division Office being January 15, 1965.

I G 90-6 (11) 287
Logan-Manhattan
Dual 163.0' Overpass
Over N.P. Railway
Contract Amount $116,568.21
Contract Awarded November 20, 1963
Work Started March 11, 1964

Strandbert & Associates
Helena, Montana
J. Sullivan, Res. Engineer
Bozeman, Montana
Contract Completion Date July 31, 1964
Completed December 3, 1964

No work was accomplished on this project the past week with the estimated submittal date for the Final Estimate to the District Office being January 30, 1965.

I 90-6 (13) 296 U-1
Belgrade-Bozeman
Length 8.414 Miles
Grade, Gravel, Surf., PCC Drain &
2 Dual Structures
Contract Amount $2,325,330.49
Contract Let April 29, 1964
Contract Awarded May 27, 1964
Work Started June 4, 1964
Winter Shutdown Order Nov. 9, 1964

Schultz & Lindsay Construction Co.
Fargo, North Dakota
R. Ricketts, Project Engineer
Bozeman, Montana
J. Sullivan, Res. Engineer (Str.)
Bozeman, Montana
Contract Time 450 Calendar Days
Probable Completion Date Sept. 15, 1965

No work was accomplished on this project as it is on a winter shutdown. The project as a whole remains 24% complete with 25% of the contract time elapsed.

I 90-6 (13) 296 U-2
Belgrade-Bozeman
Fencing
Contract Amount $41,174.59
Contract Let April 29, 1964
Contract Awarded May 27, 1964
Work Started July 2, 1964
Winter Shutdown November 27, 1964

Sletten Construction Co.
Great Falls, Montana
R. Ricketts, Project Engineer
Bozeman, Montana
Contract Time 300 Calendar Days
Probable Completion Date Sept. 15, 1965

No work was accomplished on this project as it is on a winter shutdown. The project as a whole remains 62% complete with 65% of the contract time elapsed.

I IG 90-6 (14) 287 U-1
Manhattan-Belgrade
Length 9.455 Miles
I 90-6 (13) 296 U-3
Belgrade-Bozeman
Length 8.414 Miles
Gr. Gr. Surf. Pl. Mix Surf.
P.C. Conc. Drain & Signing
Contract Amount $2,912,862.84
Contract Awarded June 25, 1964
Work Started September 2, 1964
Winter Shutdown November 19, 1964

Schultz & Lindsay Construction Co. &
Peter Kiewit Sons' Co.
Fargo, North Dakota
J. Anderson, Project Engineer
Manhattan, Montana
Contract Time 450 Calendar Days'
Probable Completion Date Sept. 30, 1965

No work was accomplished on this project as it is on a winter shutdown. The project as a whole remains 1% complete with 7% of the contract time elapsed.

I IG 90-6 (14) 287 U-2
Manhattan-Belgrade
Length 9.455 Miles
Fencing
Contract Amount $46,864.26
Contract Awarded June 25, 1964
Work Started November 5, 1964

Sletten Construction Co.
Great Falls, Montana
J. Anderson, Project Engineer
Manhattan, Montana
Contract Time 250 Calendar Days
Probable Completion Date Sept. 30, 1965

Progress has been fair with the contractor employing two men for four eight-hour shifts the past week installing the Interstate fence in the fifth mile, both right and left of centerline. The project as a whole is 13% complete with 29% of the contract time elapsed. A one-man engineering crew has been engaged inspecting the above fencing operations.

I IG 90-6 (14) 287 U-3
Manhattan-Belgrade
Length 0.087 Mile
2 Dual 113.0' Str. & 234.5'
Structure
Contract Amount $213,148.05
Contract Awarded June 25, 1964
Work Started Sept. 15, 1964

Strandbert & Associates
Helena, Montana
J. Sullivan, Res. Engineer
Bozeman
Contract Completion Date July 31, 1965
Probable Completion Date July 31, 1965

Progress has been fair with the contractor employing ten men for four eight-hour shifts. Preparations have been completed and the concrete poured for cross-beams of Bents #3 and #4 Westbound of the Heeb Lane Separation which is now 17% complete. No work was done on the Belgrade Interchange which remains 7% complete or the Central Park Separation which remains 28% complete. The project as a whole is 19% complete with 47% of the contract time elapsed. A three-man engineering crew has been engaged inspecting the above operations.

I IG 90-6 (14) 287 U-4
Manhattan-Belgrade
Length 0.071 Mile
Dual 81.5' Bridge, Dual
91.5' Bridge, Dual 204.5' Bridge
Contract Amount $284,445.88
Contract Awarded June 25, 1964
Work Started August 3, 1964

COP Construction Co.
Billings, Montana
J. Sullivan, Res. Engineer
Bozeman, Montana
Contract Completion Date July 31, 1965
Probable Completion Date July 31, 1965

Progress has been good with the contractor employing six men for four eight-hour shifts the past week. Backfilling and bushhammering for the beam seats has been started on Bent #1 Eastbound and Westbound and for Pier #2 Westbound of the Baker Creek Crossing which is 22% complete. No work has been accomplished at the Gallatin River Crossing which remains 63% complete or the Camp Creek Crossing which remains 61% complete. The project as a whole is 59% complete with 47% of the contract time elapsed. A three-man engineering crew has been engaged inspecting the above operations.

F 209 (4) Gallatin Gateway
Bozeman
Length 5.455 Miles
Grade, Grav. Suf. Pl. Mix Surf.
& Structures
Amount of Contract $471,102.29
Contract Let June 26, 1963
Work Started July 30, 1963

R. J. Sundling & Son, Inc.
Livingston, Montana
R. Saltzman, Project Engineer
Bozeman, Montana
Contract Time 240 Calendar Days
Completed October 8, 1964

One man worked one day in the Division Office checking the Final Estimate and supporting Data which are 10% checked with estimated submittal date to the District Office being January 29, 1965.

F 217 (11) Gardiner-Livingston
Length 9.177 Miles
Gr. Aggr. Surf. Pl. Mix Bit. Surf.
& Drain & Relocation NPRR Tracks
Contract Amount $1,025,000.00
Contract Awarded Sept. 25, 1963
Work Started October 21, 1963
Shut Down November 19, 1964

Hilde Construction Co., Inc.
Great Falls, Montana
William Nimmons, Project Engineer
Livingston, Montana
Contract Time 350 Calendar Days
Probable Completion Date July 31, 1965

No work was accomplished on this project as it is on a winter shutdown. The project as a whole remains 66% complete with 82% of the contract time elapsed. A two-man engineering crew has been engaged in the field office checking field notes this past week.

S 243 (3) Bozeman
South (Hyalite)
Length 6.502 Miles
Gr. Agg. Surf., Pl. Mix Surf.
& Drain
Contract Amount $369,978.10
Contract Awarded July 1, 1964
Work Started August 31, 1964

Maronick Construction Co.
East Helena, Montana
R. Saltzman, Project Engineer
Bozeman, Montana
Contract Time 220 Calendar Days
Probable Completion Date July 31, 1965

No work has been accomplished on this project as it is on a winter shutdown. The project as a whole remains 19% complete with 12% of the contract time elapsed. No engineering work has been done on this project as the engineering crew is engaged elsewhere in the Division.

Yours truly,

George A. Barrett
Division Engineer

GAB/DU/fh

cc: R. B. Dundas

STATE HIGHWAY COMMISSION
Great Falls, Montana
December 31, 1964

State Highway Commission
Helena, Montana

WEEKLY NEWS LETTER
DIVISION 3130

Gentlemen:

Herewith News Letter covering work accomplished in Div. 3130 during the week ending December 31, 1964.

GENERAL

Daytime temperatures ranged from +35° to -10°. Precipitation varied from rain to snow throughout the Division and weather conditions as a whole were poor for construction progress.

PRE-CONSTRUCTION

I 15-4(3) 209 & I-IG 15-5(5) 230 — Western Engr. & Morrison-Maierle
Stickney Creek - Hardy Creek — Helena, Montana
Lewis & Clark and Cascade Counties — Albert N. Kraft, Project Engr.
Length: 10.8 miles — Helena, Montana
Work Started: July 15, 1962 — Prob. Comp. Date: May, 1965
One field survey crew is working on line location along the P.T.W. east of the Gary Cooper Ranch. Additional study and justification of the use of a longer Interstate bridge span over a proposed realignment of the Chestnut Valley Irrigation canal as an alternate to the use of twin culverts under a high fill has been requested by the Highway Bridge Department and is being prepared. Section 1, Cascade Co. Line South, 3.0 miles: Reconnaissance is 100% complete; Soil Survey is 100% complete; Bridge Plans are 95% complete; Field Survey is 100% complete; Road Plans are 100% complete; and R/W is 95% complete. Section 2, Cascade Co. Line North, 4.0 miles: Reconnaissance is 100% complete; Bridge Plans are 2% complete; and Road Plans are 10% complete. Section 3, Hardy Creek South, 3.8 miles: Reconnaissance is 100% complete; Soil Survey is 100% complete; Bridge Plans are 15% complete; Field Survey is 98% complete; Road Plans are 98% complete; and R/W is 90% complete. Combined project as a whole is 59% complete.

I 15-5(19) 263 Ulm - Great Falls — Morrison & Maierle, Inc.
Length: 8.0 miles, Cascade Co. — Albert N. Kraft, Project Engr.
Work Started: Jan. 4, 1964 — Helena, Montana
Prob. Comp. Date: Jan. 31, 1965
Plans for the Final Plan-In-Hand have been completed and submitted to the Highway Department for distribution and for setting a date for the review. Preliminary Study and Report is 100% complete; Soils Survey is 100% complete; Field Survey is 70% complete; Road Plans are 85% complete; R/W Plans are 50% complete. Combined project as a whole is 85% complete.

I-IG 15-7(1) 328 Valier Jct. - N & S — R. W. Freeman, Proj. Engr.
Length: 11.0 mi., Pondera County — Conrad, Montana
Location Started: Dec. 2, 1964 — Prob. Comp. Date: May 30, 1965
No work this week due to inclement weather. A total of 36 man-days have been worked and the survey is 2% complete.

F 10(6) Sun River - Great Falls
Length: 2.1 miles, Cascade Co.
Location Started: Aug. 5, 1964
D. D. Moore, Project Engr.
Great Falls, Montana
Prob. Comp. Date: Jan. 31, 1965
A five man engineering crew worked 3 days this week for a total of 166 man-days used to date. The engineering crew is currently engaged checking field notes and plotting hardshell. Location is 87% complete. Progress has been slow due to sub-zero temperatures and snow, making visibility poor.

ER 50(4) Great Falls - North
Length: 0.395 miles, Chouteau Co.
Design Not Started
C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Feb. 15, 1965
Field data received in design department December 28, 1964. Project is 0.395 miles long with an approximate 120 ft. bridge. Profile was sent to Helena to have the typical section made. There are zero man-days used to date and zero percent complete.

F 73(3) Armington - Riceville
Length: 10 miles, Cascade Co.
Location Started: Feb. 27, 1964
G. W. Davis, Res. Engr.
Great Falls, Montana
Prob. Comp. Date: March 1, 1965
Progress has been poor with three days lost due to holidays and weather. A four man engineering crew worked two days securing profile from sta. 622+00 to 644+00 and plotting centerline on hardshell.

S 193(2) Valier - Cut Bank
Length: 1.057 mi., Pondera Co.
8.790 mi., Glacier Co.
Design Started: July 15, 1964
C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Feb. 1, 1965
Two men worked 6 days balancing, computing and checking quantities. Design is 25% complete with 44 man-days used to date.

S 193(3) Valier - Cut Bank
Length: 6.0 miles, Pondera Co.
Design Started: Nov. 2, 1964
C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: March 15, 1965
Two men worked 4 days templating, computing and checking quantities. Design is 25% complete with 66 man-days used to date.

F 252(16) Ft. Benton - Havre
Length: 5.125 miles, Hill Co.
Design Started: May 20, 1964
C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Jan. 31, 1965
No work on this design which remains 50% complete with 54 man-days used to date.

S 310(6) Pendroy - Northeast
Length: 10.8 miles, Teton Co.
Contract Not Let
R. W. Freeman, Project Engr.
Conrad, Montana
No work this week on subject project.

S-US 421(1) Gt. Falls - Westside Bypass
Length: 1.935 mi., Cascade Co.
Design Started: Feb. 18, 1963
C. J. Farry, Designer
Great Falls, Montana
Prob. Comp. Date: Jan. 15, 1965
One man worked 3 days putting new alignment on linens and computing and checking quantities. Design is 41% complete with 175 man-days used to date.

CONSTRUCTION

I 15-4(18) 210 U-1 & I 15-4(21) 210
Lyons Creek, South, 2.088 miles
Grade, Agg. Surf., P.M.B.S.
Contract Let: Jan. 30, 1963
Amount of Contract: $2,389,101.54
Work Started: February 21, 1963

F & S Construction Co., Contractor
Butte, Montana
J. W. Trankel, Project Engr.
Wolf Creek, Montana
Comp. Date: 450 Calendar Days
Prob. Comp. Date: July 31, 1965

Progress has been negligible. A Suspend Work Order was issued at the close of work on December 24, 1964. Contractor employing 23 men worked four 10 hour and two 4 hour shifts removing 1,500 cu. yds. of Embankment from area over 18'6" SPP Culvert for a total to date of 55,500 cu. yds. removed, or 90% complete. Item No. 9419 - 18'6" SPPC remains 0% complete. 3" Type A Base Surfacing, 85% complete; 1½" Type A Base Surfacing is 88% complete; 3/4" Type A Top Surfacing is 93% complete; 100-120 Asphalt Cement is 81% complete; MC-70 Liquid Asphalt is 96% complete; MC-800 Liquid Asphalt is 39% complete; Type 3 Plant Mix Bituminous Surfacing is 73% complete; and CMP Culverts are 85% complete. Following items are 100% complete: Clearing and Grubbing, Unclassified Excavation, Unclassified Channel Excavation, Class A Concrete, Class AD Concrete, Backfill Material, Grade 1 Backfill Material, Inlet Headwall and Outlet Cutoff Wall. The project as a whole is 93% complete with 108% of the contract time elapsed. An eight man engineering crew has been cross-sectioning area north of present detour, working in office and inspecting contractor's operations. Five men on vacation.

I 15-4(18) 210 U-2 Lyons Creek - South
2.088 miles, Fencing
Contract Let: March 27, 1963
Amount of Contract: $19,297.00
Work Started: August 19, 1963

Grand Fence Company
Billings, Montana
J. W. Trankel, Project Engr.
Wolf Creek, Montana
Comp. Date: 250 Calendar Days
Prob. Comp. Date: July 31, 1965

Contractor is on Suspend Work Order due to incomplete finishing operations. Temporary Fence is 70% complete; Remove Fence is 17% complete; Dozer Time is 12% complete; Type CM Wire Fence is 61% complete; Deadmen are 66% complete; and Single CM Fence Panels are 76% complete. Double CM Fence Panels are 100% complete. The project as a whole is 54% complete with 51% of the contract time elapsed.

I 15-4(20) 212 U-1, Lyons Crk. - Wolf Crk.
5.841 miles, Grade, Agg. Surf., P.M.B.S.
Drain & Sign, Lewis & Clark County
Contract Let: July 24, 1963
Amount of Contract: $2,539,164.27
Work Started: August 19, 1963

F & S Construction Co., Contractors
Butte, Montana
H. S. Embody, Project Engr.
Wolf Creek, Montana
Comp. Date: 420 Calendar Days
Prob. Comp. Date: Sept. 15, 1965

There is no progress to show. Work has been suspended due to Winter weather. Clearing and Grubbing, 99% complete; Uncl. Excavation, 99% complete; Unclassified Channel Excavation, 99% complete; Culvert Excavation, 88% complete; 3" Type "A" Crushed Base, 73% complete; 1½" Type "A" Crushed Base, 56% complete; 3/4" Type "A" Top Surface, 51% complete; MC-70 Liquid Asphalt Prime, 49% complete; Type 3 Plant Mix Bit. Surf., 15% complete; Type "A" Random Riprap, 99% complete; and Type "B" Random Riprap, 99% complete. The installing of Culverts is 98% complete. Contractor had no men employed the past week. The project as a whole is 69% complete with 75% of the contract time elapsed. Construction layout is 95% complete with a nine man engineering crew engaged at the present time.

I 15-4(20) 212 U-2, Lyons Crk. - Wolf Crk.
5.841 miles, Fencing, Lewis & Clark Co.
Contract Let: July 24, 1963
Amount of Contract: $40,932.30
Work Started: October 1, 1963

Tschache Bros., Contractors
Bozeman, Montana
H. S. Embody, Project Engr.
Wolf Creek, Montana
Comp. Date: 250 Calendar Days
Prob. Comp. Date: April 15, 1965

I 15-4(20) 212 U-2 Cont'd.
No progress this week, contractor on Suspend Work Order. Percentages of completion are: Temporary Fencing, 38% complete; Use of Dozer, 30% complete; Type CM Wire Fence, 65% complete; Deadmen, 9% complete; Single CM Fence Panels, 44% complete; and Double CM Fence Panels, 91% complete. Project as a whole remains 59% complete with 92% of the contract time elapsed. Construction layout is 70% complete. No engineering crew engaged on this project.

I 15-4(22) 210 Lyons Creek - South
Dual 519.49' Steel Bridges
Contract Let: July 24, 1963
Amount of Contract: $521,470.02
Work Started: August 26, 1963

Sletten Const. Co., Contractors
Great Falls, Montana
D. Bentzen, Project Engr.
Wolf Creek, Montana
Comp. Date: Nov. 30, 1964
Prob. Comp. Date: July 1, 1965

Weather has moderated slightly over previous week; however, it is still too windy and cold for contractor to accomplish much in the way of Deck Slab form building. Using a 1½ cu. yd. Dragline the contractor is attempting to deepen and widen Prickly Pear Creek Channel immediately below the G.N.R.R. Co. Bridge adjacent to the structure. There has been 3 to 5 men who worked four 8 hour shifts the past week. The Structures are 73% complete and all of the contract time has elapsed.

I 15-4(25) 218 U-1 Wolf Creek - North
2.699 miles; Grade, Agg. Surf., PMBS,
Drain, Signing & 3 Structures, Lewis&Clark Co.
F 238(10) Wolf Creek - Augusta
1.947 miles; Grade, Agg. Surf., PMBS,
Drain & Signing, Lewis & Clark County
Contract Let: Sept. 30, 1964
Amount of Contract: $1,843,855.51
Work Started: Nov. 16, 1964

F & S Contracting Company, Contr.
Butte, Montana
L. Lesofski, Project Engr., Roadway
D. Bentzen, Project Engr., Structures
Wolf Creek, Montana
Comp. Date: 350 Calendar Days
Prob. Comp. Date: July 15, 1966

ROADWAY: Progress has been poor. Ten men employed by contractor worked 2½ nine hour shifts, pioneering sta. 575+00 to sta. 585+00. Flagmen are being used for traffic control. The utilities remain in the way of grading operations. Project remains 5% complete with 0% of the contract time elapsed. Job is on shutdown order and under the special provisions will not be opened up until April 1, 1965. Six man engineering crew is engaged in construction layout which is 29% complete.
STRUCTURES: Weather has moderated slightly over previous week and more progress has been made. Twenty-nine cu. yds. of Concrete was placed in the Cap Beam of Bent No. 1 Southbound on the Wolf Creek Interchange and the left Footing Pad of Bent No. 2 on the Bridge over Prickly Pear Creek 190' Rt. of Sta. 562+75. There are four more Cap Beams to be poured on the structures at Wolf Creek Interchange. Eight men worked 4 eight hour shifts the past week and the structures are 9% complete with 17% of the contract time elapsed.

I 15-4(25) 218 U-2, Wolf Creek - North
2.699 miles, Fencing, Lewis & Clark Co.
Contract Let: Sept. 30, 1964
Amount of Contract: $40,039.50
Work Not Started

Joseph Yurek, Contractor
Bozeman, Montana
L. Lesofski, Project Engr.
Wolf Creek, Montana
Comp. Date: 250 Calendar Days
Prob. Comp. Date: July 15, 1966

To date no work done by State or Contractor's forces.

SECTION I: I 15-5(26) 271 U-1
Great Falls - West Side, 2.042 miles
Gr., Agg. Surf., CSBS, Conc. Pvg., Drain,
PMBS, Sign and 3 Conc. Beam Structures
SECTION II: I-IG 15-5(31) 273 U-1
Sun River - Emerson Jct., 2.990 miles
Agg. Surf., CSBS, Conc. Pvg., PMBS,
and Sign.
SECTION III: I-IG 315-5(3) 272 U-1
Great Falls Spur., 0.573 miles, Gr.,
Agg. Surf., PMBS, Drain and Sign.
SECTION IV: U 388(8)
Sun River - 10th Ave. South
0,192 miles Gr., Agg. Surf., PMBS
Drain and Sign.
Contract Let: December 18, 1964
Amount of Contract: $3,178,057.17
Work Not Started
To date no work done on any of these sections.

McLaughlin, Inc., Nilson Smith Const. Co., S. Birch, Inc., Contractors for joint venture.
Great Falls, Montana
Grading, Surfacing and Signing
George W. Davis, Res. Engr.
Great Falls, Montana
Structures
T. G. Tomich, Proj. Engr.
Great Falls, Montana
Comp. Date: 500 Calendar Days
Prob. Comp. Date: Sept. 15, 1967

SECTION A: I 15-5(26) 271 U-2
Great Falls - West Side, 2.042 miles, Fencing
SECTION B: I-IG 15-5(31) 273 U-2
Sun River-Emerson Jct., 2.990 miles, Fencing
SECTION C: I-IG 315-5(3) 272 U-3
Great Falls Spur, 0.573 miles, Fencing
Contract Let: Dec. 18, 1964
Amount of Contract: $92,431.41
Work Not Started
To date no work done on these sections.

United Steel Corp., Contractors
Portland, Oregon
George W. Davis, Res. Engr.
Great Falls, Montana
Comp. Date: 250 Calendar Days
Prob. Comp. Date: Sept. 15, 1967

I-IG 315-5(3) 272 U-2, Great Falls-Spur
Dual 145.5' Conc. Beam Overpass - Bridge St.
206' Steel Overpass, GNRR
Contract Let: Dec. 18, 1964
Amount of Contract: $186,894.03
Work Not Started
No work has started and no word has been received as to starting date. Project has not been staked. Three man engineering crew is working on construction notes.

Sletten Const. Co., Contractor
Great Falls, Montana
T. G. Tomich, Project Engr.
Great Falls, Montana
Completion Date: July 31, 1966
Prob. Comp. Date: July 31, 1966

I-IG 15-5(20) 273 Sun River - Emerson Jct.
2.990 miles, Cascade County
Grade, Agg. Surf., & Drain
Contract Let: June 25, 1964
Amount of Contract: $1,141,710.52
Work Started: Aug. 5, 1964

McLaughlin, Inc., Nilson-Smith Const. Co., & S. Birch, Inc., Contractors
Great Falls, Montana
D. D. Moore, Project Engr.
Great Falls, Montana
Comp. Date: 350 Calendar Days
Prob. Comp. Date: July 1, 1965

Progress has been poor. Due to snow and freezing temperatures, contractor has been on a Seasonal Suspend Work Order effective December 12, 1964. Central Ave. West is closed to thru traffic. Detour roads are being used and are in good condition with adequate signing. Detour Roads being used are from 6th St. to American Ave., 3rd Ave. to 20th St. S.W. to Central Ave. West. The "B-2" Ramp, station 810+50 to 797+79.5, "B" Line, station 89+29.7 to 80+00 and 34th Street. Following is a list of items and percentages of completion: Uncl. Exc., 87%; Uncl. Borrow, 76%; Sub-Grade Compaction, 75%; O.H. Uncl. Borrow, 99%; Water Sub-Grade, 41%; Trench Exc., 30%. Following items are 100% complete: 3/4" Type "A" Top Surf., Type I Plant Mix, 100-120 Asphalt Cement,

I-IG 15-5(20) 273 Cont'd.
MC-70 Liquid Asphalt, Culvert Excavation and Culverts. Project is 72% complete with 30% of the contract time elapsed. Engineering Layout is 89% complete with one man working in Division Office keeping records of progress. A 5 man crew is working on Location F 10(6).

I 15-5(22) 273 Sun River - Emerson Jct.
Dual 483.0' Prestressed Conc. Bridges
Contract Let: Aug. 26, 1964
Amount of Contract: $597,853.25
Work Started: Nov. 30, 1964

Schultz & Lindsay Const. Co., Contr.
Billings, Montana
T. G. Tomich, Project Engr.
Great Falls, Montana
Comp. Date: Nov. 30, 1965
Prob. Comp. Date: Nov. 30, 1965

Progress is poor. Nine men were employed four 8 hour shifts driving cofferdam sheets and repairing the blow at #2 Pier. Weather has not been favorable, but contractor did work all but the 24th, 25th and the weekend. Summary of the project: Pier #2 is the only unit being worked on and a blow occured which has taken the rest of this week to work over. Test Piles are on the project and the driving should begin this next week. The following items and their percentages of completion are: Str. Exc., 13%; Shoring and Cribs, 10%. The project as a whole is 1% complete with 25% of the contract time elapsed. The 3 man engineering crew is engaged in inspection.

I 15-5(27) 274 Great Falls - Westside
Dual 123.0' 5th Ave. Overpass - Prestress
Dual 366.0' G.N.R.R. Overpass Prestressed
Single 244.5' 34th St. Underpass - Prestressed
Contract Let: October 28, 1964
Amount of Contract: $399,132.97
Work Not Started

Sletten Construction Co., Contr.
Great Falls, Montana
T. G. Tomich, Project Engr.
Great Falls, Montana
Comp. Date: July 31, 1966
Prob. Comp. Date: July 31, 1966

Work has not started. No word has been received as to starting date, but it is not expected till Spring. Project as a whole is 0% complete with 8% of the contract time elapsed. Project is set up with work restrictions for fill settlement on most of the structures. Three man engineering crew is engaged in office work for this project.

I-IG 15-5(28) 274 U-1 Sun River-Emerson Jct.
264.5' Central Ave. Interchange Structure-Prestressed
Contract Let: Dec. 18, 1964
Amount of Contract: $234,405.48
Work Not Started

Sletten Const. Co., Contractor
Great Falls, Montana
T. G. Tomich, Project Engr.
Great Falls, Montana
Completion Date: July 31, 1966
Prob. Comp. Date: July 31, 1966

No work on this structure can be done until the fills have been completed and the grading contractor is now on a Winter Shutdown. It is supposed that work may start in the Fall. The three man engineering crew is assigned to six projects and is working on field notes.

I 15-6(5) 311 U-1 (Teton Co.)
Pershing - South; 1.03 miles
I 15-7(3) 312 U-1 (Pondera Co.)
Brady - North & South, 10.535 miles
11.565 mi., Grade, Agg. Surf., P.M.B.S. & Drain
Contract Let: Oct. 24, 1962
Amount of Contract: $1,324,412.36
Work Started: Nov. 9, 1962

Hilde Const. Co., Inc., Contractor
Great Falls, Montana
R. W. Freeman, Project Engr.
Conrad, Montana
Comp. Date: 350 Calendar Days
Completed: July 31, 1964

Nine men are engaged in work on the Final Estimate which is 92% complete. Estimated submittal date to Division Office is January 15, 1965.

I 15-6(8) 307 Dutton - N & S
346.0' Prestressed Conc. Bridge
and 0.065 miles of Approaches
Contract Let: October 28, 1964
Amount of Contract: $217,250.55
Work Started: Nov. 11, 1964

Walter Mackin & Son, Contractor
Billings, Montana
T. G. Tomich, Project Engr.
Great Falls, Montana
Completion Date: Sept. 30, 1965
Prob. Comp. Date: Sept. 30, 1965

There was no progress this past week due to inclement weather. The contractor plans to shut down until the weather improves. The following items and percentages of completion are: Uncl. Exc., 27%; Str. Exc., 8%; Shoring & Cribs, 15%; Test Piles, 16%; Furn. Piles, 17%; Drive Piles, 12%; and Removal Ext. Str. and Maint. Traffic, 5%. The project as a whole is 3% complete with 17% of the contract time elapsed. A summary of the project: The piling at Pier #5 have been driven and the lt. upstream bank is about to grade. Three man engineering crew is engaged in inspection and assigned to other projects.

S 2(17) Helena - Flesher Pass - Lincoln
6.234 miles, Agg. Surf., P.M.B.S.
Contract Let: August 26, 1964
Amount of Contract: $168,926.53
Work Started: Sept. 17, 1964

Maronick Construction Co., Contractor
East Helena, Montana
Glen Enderson, Project Engineer
Lincoln, Montana
Completion Date: 150 Calendar Days
Prob. Comp. Date: Sept. 30, 1965

Project on Winter Suspend Work Order. Following items and percentages complete are: Unclassified Excavation, 80%; 1½" Crushed Base Surfacing, 65%; Culvert Exc., Filter Material and Semi-Circular Underdrain are 100% complete. The project as a whole is 25% complete with 25% of the contract time elapsed. No personnel engaged this week.

ER 57(2) (F 236) Cartwright Coulee
0.158 miles, Gr. Agg. Surf.
Bit. Surf. Tr., Drain
Contract Let: Oct. 28, 1964
Amount of Contract: $34,718.80
Work Started: Nov. 27, 1964

A & B Const. Co., Contractor
Helena, Montana
James Dolan, Project Engr.
Conrad, Montana
Comp. Date: May 31, 1965
Prob. Comp. Date: June 30, 1965

No progress this week. Culvert Excavation at station 379+10 remains 70% complete. Removal of Structure is 100% complete. Contractor has suspended all operations until the weather breaks. A 2 man crew engaged in inspection of project. Project as a whole is 11% complete with 23% of the contract time elapsed. Construction layout as a whole is 100% complete.

ER 57(4) (S 193) Valier - N & W
284.5' Prestress Conc. Bridge, (Birch Ck.)
Contract Let: Dec. 18, 1964
Amount of Contract: $151,680.23
Work Not Started

E. L. Flynn & Co., Contractor
Billings, Montana
A. Bonner, Proj. Engr.
Great Falls, Montana
Completion Date: June 30, 1966
Prob. Comp. Date: June 30, 1966

To date no work by contractor or State forces.

ER 57(6) (F 236) Dupuyer Creek Overflow
121.5' Prestress Conc. Bridge and Approaches
Contract Let: Oct. 28, 1964
Amount of Contract: $105,233.53
Work Started: Nov. 12, 1964

A & B Construction Co., Contr.
Helena, Montana
Structure: A. Bonner, Proj. Engr.
Choteau, Montana
Approaches: J. Dolan, Proj. Engr.
Conrad, Montana
Comp. Date: June 30, 1965
Prob. Comp. Date: June 30, 1965

ROADWAY: No progress this week due to adverse weather conditions. Unclassified Excavation remains 24% complete; Culverts, 100% complete. Construction layout as a whole is 100% complete.

ER 57(6) (F 236) Cont'd.
STRUCTURES: No work has been done due to heavy snow at the batch plant and cold weather. Project as a whole is 11% complete with 21% of the contract time elapsed. Bridge is 14% complete; Roadway, 7% complete. Engineering layout is 12% complete with a two man crew.

ER 59(2) (F 65) Choteau - Sun River
60.98' Prestress Conc. Beam Bridge
Contract Let: Oct. 28, 1964
Amount of Contract: $42,439.52

Walter Mackin & Son, Contractor
Billings, Montana
A. Bonner, Project Engr.
Choteau, Montana
Comp. Date: Sept. 30, 1965
Prob. Comp. Date: Sept. 30, 1965

Division Office has been notified that contractor does not intend to start construction until Spring. To date no work has been done by either the State or contractor's forces.

ER 59(3) (F 275) Augusta - Choteau
Bridge and Approaches, (Deep Creek)
Contract Let: Sept. 30, 1964
Amount of Contract: $145,002.72
Work Started: Oct. 15, 1964

Naranche & Konda, Contractors
Butte, Montana
A. Bonner, Project Engr.
Choteau, Montana
Comp. Date: July 31, 1965
Prob. Comp. Date: July 31, 1965

Progress was slow due to cold weather. Contractor has worked on stripping the deck and cleanup. Project as a whole is 68% complete with 27% of the contract time elapsed. Bridge is 85% complete; Roadway, 50% complete. Engineering layout is 69% complete with a two man crew.

F 64(10) Belt Hill - Slide Area
0.227 miles, Repair Fill & Drain
Contract Let: Sept. 30, 1964
Amount of Contract: $116,278.00
Work Started: Nov. 5, 1964

Zook Bros. Const. Co., Contractor
Great Falls, Montana
G. W. Davis, Res. Engr.
Great Falls, Montana
Comp. Date: 200 Calendar Days
Prob. Comp. Date: April 30, 1965

No progress this week. Suspend Work Order issued Nov. 24, 1964 due to weather. Uncl. Exc. is 40% complete; Culvert Excavation, 100% complete; Class AD Concrete, 91% complete; Reinforcing Steel, 75% complete; and 30" CMP 8 Ga. is 80% complete. The project as a whole is 6% complete with 13% of the contract time elapsed. Construction layout is 75% complete. Roadway is in good condition with one lane of a three lane roadway closed to traffic.

S 107(9) Ledger - East & West
7.049 miles, Pondera County
Grade, Agg. Surf., PMBS Drain & Widen
25' Bridge
Contract Let: March 25, 1964
Amount of Contract: $367,695.01
Work Started: May 19, 1964

R. J. Sundling & Son, Inc., Contr.
Livingston, Montana
James Dolan, Project Engr.
Conrad, Montana
Comp. Date: 200 Calendar Days
Prob. Comp. Date: May 30, 1965

Project on Winter Suspend Order. Project as a whole remains 71% complete with 71% of the contract time elapsed. A six man crew is engaged in office work. Construction layout as a whole is 100% complete.

U 149(15) 0.361 mi., Gt. Falls - Ft. Benton
U-FG 395(6) 1.495 mi., 14 & 15 Sts., Gt. Falls
1.856 mi., Cascade Co.
Gra. Agg. Surf., CSBS, PMBS, Conc. Pvmnt. Dr.
One 7.28' Steel Underpass
One 109.0' Conc. Underpass

Sletten Const. Co. & Robertson & Cave Const. Co., Contractors
Great Falls, Montana
Roadway - D. D. Moore, Proj. Engr.
Structures-T. G. Tomich, Proj. Engr.
Great Falls, Montana

U 149(15) & U-FG 395(6) Cont'd.
Contract Let: Nov. 28, 1963
Amount of Contract: $891,230.63
Work Started: Dec. 5, 1962
Comp. Date: 350 Calendar Days
Completed: Dec. 4, 1963
Final estimate and supporting data will be sent to Helena on or about Jan. 29, 1964.

F 149(19) & F 252(15) Gt. Falls - Ft. Benton
Fort Benton - Havre
9.835 mi., Chouteau Co.
Grade, Agg. Surf., P.M.B.S. & Drain
Contract Let: May 22, 1963
Amount of Contract: $523,237.62
Work Started: July 1, 1963
Robertson & Blossom, Inc., Contr.
Black Eagle, Montana
Chas. W. Heber, Project Engr.
Comp. Date: 300 Calendar Days
Completed: Oct. 14, 1964
It is anticipated all data will be checked and submitted to Helena by Jan. 11, 1965.

F 149(21), F 180(7) & F 395(9)
Lighting and Signals at various locations in Great Falls and Black Eagle
Contract Let: August 26, 1964
Amount of Contract: $63,741.24
Work Started: Sept. 15, 1964
Lewis Const. Co., Contractor
Great Falls, Montana
D. D. Moore, Project Engr.
Great Falls, Montana
Comp. Date: 200 Calendar Days
Prob. Comp. Date: April 30, 1965
Contractor is on a Seasonal Suspend Work Order effective November 18, 1964. Items and percent of completion as follows: 1½" Steel Conduit, 93%; Class "A" Concrete, 59%; Type 10 "A" Standards, 47%. Project as a whole is 40% complete with 31% of the contract time elapsed. Engineering layout is 100% complete with one man checking notes.

F 176(7) Augusta - Sun River
5.275 miles, Cascade Co.
Grade, Agg. Surf., P.M.B.S. & Drain
Contract Let: April 24, 1963
Amount of Contract: $351,487.89
Work Started: June 4, 1963
Zook Bros. Const. Co., Contractor
Great Falls, Montana
Harry Strong, Project Engr.
Simms, Montana
Comp. Date: 200 Calendar Days
Completed: Dec. 15, 1964
It is anticipated all data will be checked and submitted to Helena by January 29, 1964.

C. A. McGiffin
Division Engineer

CAM/RAB/pab

STATE HIGHWAY COMMISSION
HAVRE, MONTANA

December 31, 1964

State Highway Commission
Helena, Montana

Weekly News Letter
Division 3230

Gentlemen:

Following please find Division 3230 progress report for week ending Dec. 31, 1964:

GENERAL

Weather during the past week has been partly cloudy and cold with daytime temperatures ranging from 20 below to 5 above zero. Roads are in good winter travel condition.

PRECONSTRUCTION

S-237(4), Oilmont - East
8.0 miles location survey
Work Started: 10/26/64

James Gipe, Resident Engineer
Shelby, Montana
Probable Completion Date: 1/31/65

No work during the past week as the engineering crew is on annual leave. The location survey as a whole is 86% complete and a total of 202 man-days have been used to date.

CONSTRUCTION

I 15-8(14) 357 U1, Shelby - Oilmont
12.008 miles grade, aggr. surf., plant mix bit. surf., drain and signing
Contract Let: 5/22/63
Amount of Contract: $1,404,811.20
Work Started: 6/13/63

Zook Brothers Construction Company
Great Falls, Montana
James Gipe, Resident Engineer
Shelby, Montana
Contract Time: 400 calendar days
Probable Completion Date: 12/31/64

No work during the past week. All work is 100% complete except for curved guard rail at interchange. The project as a whole is 99% complete with 89% of the contract time elapsed. The roadway is in good travel condition.

I 15-8(11) 383 U1, Pondera County Line - Canadian Border
4.483 miles grade, aggr. surf., plant mix bit. surf., drain, sign and 256.0' overpass
Contract Let: 4/24/63
Amount of Contract: $1,136,043.93
Work Started: 6/10/63

Nilson-Smith Construction Company
Great Falls, Montana
J. W. Timmons, Resident Engineer
Shelby, Montana
Contract Time: 340 calendar days
Completed: 11/11/64

The final estimate and supporting data were submitted to the division office on 12/18/64 and will be forwarded to Great Falls about 1/29/65.

I 15-8(11) 383 U2, Pondera County Line - Canadian Border

Peter Pitsch Jr. and Douglas Pitsch
Garryowen, Montana

I 15-3(11) 383 U2 (Cont.)
4.483 miles fencing
Contract Let: 2/20/63
Amount of Contract: $33,448.60
Work Started: 4/8/63

J. W. Timmons, Resident Engineer
Shelby, Montana
Contract Time: 200 calendar days
Probable Completion Date: 5/20/65

No work during the past week. All fencing can be completed except for 200 feet in front of the old government building. CM fence remains 99% complete. Double fence panels remain 99% complete. Single fence panels remain 99% complete. Cattle guards remain 100% complete. The project as a whole remains 86% complete with 86% of the contract time elapsed. Construction layout is 100% complete. The contractor is awaiting commission rulingson completion of the chain link fence. An inventory has been taken of the material stored on the project and an estimate is being made as to costs for building the remaining fence by State Maint. forces.

ER-53(2) (F-208), Babb - Piegan (Kennedy Cr.)
0.023 mile repair 121.5' prestr. conc.
beam bridge and approaches
Contract Let: 10/28/64
Amount of Contract: $72,846.50
Work Started: 11/20/64

E. F. Matelich Construction Co.
Kalispell, Montana
C. W. Hegman, Project Engineer
Cut Bank, Montana
V. J. Harmon, Instrumentman
Cut Bank, Montana
Completion Date: 6/30/65
Probable Completion Date: 6/30/65

No work during the past week. Unclassified excavation remains 30% complete. Structure excavation remains 90% complete. Shoring and cribs remain 100% complete. Dozer work has been discontinued due to extreme cold and snow. The project as a whole is 24% complete with 21% of the contract time elapsed. The PTW is in good travel condition. Construction layout is 100% complete.

ER-53(4) (S-266), Browning-Babb (Duck Lake Road)
0.032 mile 173.0' prestressed concrete
beam bridge
Contract Let: 11/24/64
Amount of Contract: $107,942.65
Work Not Started

E. F. Matelich Construction Co.
Kalispell, Montana
C. W. Hegman, Project Engineer
Cut Bank, Montana
Completion Date: 6/30/65
Probable Completion Date: 6/30/65

Contractor had planned to start work on 12/28/64 but, to date, we have not been advised that work has started.

ER-53(5), (S-249), Starr School Route (Browning) (Cut Bank Creek)
0.030 mile 163' prestressed conc.
beam bridge
Contract Let: 11/24/64
Amount of Contract: $124,759.60
Work Not Started

E. F. Matelich Construction Co.
Kalispell, Montana
C. W. Hegman, Project Engineer
Cut Bank, Montana
Completion Date: 6/30/65
Probable Completion Date: 6/30/65

Contractor had planned to start work on 12/28/64 but, to date, we have not been advised that work has started.

US-70(4), Havre - South via Fifth Avenue
0.732 mile grade, gravel surf., plant mix surf., curbs, & 1104' conc. box
Contract Let: 6/24/64
Amount of Contract: $244,553.28

Baltrusch Construction Company
Havre, Montana
Samuel Hatty, Project Engineer
Havre, Montana
Contract Time: 120 calendar days

US-70(4) (Cont.)
Work Started: 7/24/64 Probable Completion Date: 8/15/65

No progress was made during the past week. 3" select surfacing remains 52% complete. 1½" base surfacing remains 51% complete. RCP culverts remain 74% complete. Street excavation remains 50% complete. Reinforcing steel remains 100% complete. Structure excavation remains 100% complete. 3" select surfacing and 1½" base surfacing have been stockpiled and crushed. The project as a whole is 55% complete with 46% of the contract time elapsed. Traffic is using adjacent streets with most of the intersections open for travel. Construction layout is 93% complete. The engineering crew is on annual leave.

F-154(6), Ethridge - Shelby
F-220(8), Cut Bank - East & West
7.491 miles grade, gravel surface and plant mix surface
Contract Let: 4/29/64
Amount of Contract: $586,763.28
Work Started: 6/22/64
Seasonal Shutdown: 12/11/64

Nilson-Smith Construction Company
Great Falls, Montana
C. W. Hegman, Project Engineer
Cut Bank, Montana
Contract Time: 200 calendar days
Probable Completion Date: 7/15/65

The project was shutdown for the season on 12/11/64. Unclassified excavation remains 99% complete. 3" base surfacing remains 82% complete. 1½" base surfacing remains 50% complete. Culverts remain 91% complete. The project as a whole remains 52% complete with 81% of the contract time elapsed. The PTW is in fair travel condition. Construction layout is 100% complete. The engineering crew is on annual leave.

F-210(3), Babb - South and
F-227(5) & (6), Kiowa Junction - Babb
4.280 miles grade and drain
14.292 miles aggr. surf. and plant mix bit. surf.
Contract Let: 9/26/62
Contract Awarded: 10/12/62
Amount of Contract: $615,929.12
Work Started: 11/8/62

Schultz & Lindsay Construction Co.
Fargo, North Dakota
C. W. Hegman, Project Engineer
Cut Bank, Montana
Contract Time: 250 calendar days
Completed: 9/15/64

No work on final estimate as engineering crew is on annual leave. The final estimate remains 79% complete and will be submitted to the division office about 1/30/65.

S-237(3), Oilmont - East
5.838 miles grade, aggr. surf., plant mix bit. surf. and drain
Contract Let: 10/28/64
Amount of Contract: $413,654.72
Work Not Started

S. Birch, Inc.
Great Falls, Montana
James Gipe, Resident Engineer
Shelby, Montana
Contract Time: 200 calendar days
Probable Completion Date: 9/1/65

The contractor has advised that construction work will begin next spring. Construction layout remains 75% complete. No utility company activity to date.

S-301(13), Havre-Simpson-Canadian Line
4.990 miles grade, aggr. surf., plant mix bit. surf. and drain
Contract Let: 11/20/63
Amount of Contract: $212,845.72
Work Started: 3/31/64
Seasonal Shutdown: 10/28/64

Robertson and Blossom, Inc.
Great Falls, Montana
Samuel Hatty, Project Engineer
Havre, Montana
Contract Time: 160 calendar days
Probable Completion Date: 6/20/65

S-301(13) (Cont.)
A seasonal shutdown was issued after completion of the plant mix. All work is complete except for seal and cover. The project as a whole is 98% complete with 100% of the contract time elapsed. The roadway is in good travel condition. Construction layout is 100% complete. The engineering crew is assigned to Projects US-70(4) and S-340(8).

S-307(14), Stanford - Geraldine
6.973 miles grade, aggr. surf.,
plant mix bit. surf. and drain
Contract Let: 11/20/63
Contract Awarded: 12/16/63
Amount of Contract: $337,957.70
Work Started: 3/16/64
Seasonal Shutdown: 10/8/64.

Cave Construction Company, Inc.
Great Falls, Montana
Matt J. Vranish, Project Engineer
Fort Benton, Montana
Contract Time: 220 calendar days
Probable Completion Date: 7/31/65

A seasonal shutdown was issued on 10/8/64 after completion of the plant mix. All work is complete except for seal and cover. The project as a whole is 95% complete with 60% of the contract time elapsed. The roadway is in good travel condition. Construction layout is 100% complete. The engineering crew is on annual leave.

S-307(15), Stanford - Geraldine
5.097 miles grade, gravel surf.,
and plant mix surf.
Contract Let: 6/24/64
Amount of Contract: $322,048.61
Work Started: 8/25/64
Seasonal Shutdown: 11/9/64

Francis Tindall
Lewistown, Montana
Matt J. Vranish, Project Engineer
Fort Benton, Montana
Contract Time: 250 calendar days
Probable Completion Date: 7/31/65

Seasonal shutdown issued on 11/9/64. 1½" base surfacing, 4" select surfacing, unclassified excavation and culverts remain 100% complete. Cover material has been crushed and stockpiled. The Project as a whole remains 65% complete with 42% of the contract time elapsed. The PTW is in fair travel condition. Construction layout is 100% complete. The engineering crew is on annual leave.

S-316(11), Cut Bank - North
7.559 miles grade, aggr. surf.,
and plant mix surf.
Contract Let: 10/29/63
Amount of Contract: $416,917.31
Work Started: 11/26/63
Seasonal Shutdown: 10/9/64

Nilson-Smith Construction Company
Great Falls, Montana
Hugh M. Klepzig, Project Engineer
Cut Bank, Montana
Contract Time: 200 calendar days
Probable Completion Date: 6/20/65

All work is complete except for seal and cover which will be completed during the summer of 1965. The project as a whole is 93% complete with 73% of the contract time elapsed. The roadway is in good travel condition. Construction layout is 100% complete. The engineering crew is on annual leave.

S-340(8), Chinook - Cleveland - Hays
4.351 miles grade, aggr. surf., plant
mix surf. and drain
Contract Let: 7/29/64
Amount of Contract: $260,526.38
Work Started: 8/24/64

Baltrusch Construction Company
Havre, Montana
Samuel Hatty, Project Engineer
Havre, Montana
Contract Time: 250 calendar days
Probable Completion Date: 8/15/65

No work during the past week. A shutdown was issued at the close of work on 11/24/64

S-340(8) (cont.)
due to snow and cold weather. 120" SPPC remains 90% complete. Unclassified excavation remains 52% complete. Culverts remain 81% complete. Cover material has been stockpiled. 70% of cushion material and plant mix aggregate has been crushed and stockpiled. The project as a whole is 42% complete with 30% of the contract time elapsed. The PTW is in good travel condition. Construction layout is 100% complete. Plans are to crush and stockpile surfacing material after the first of the year. The engineering crew is on annual leave.

SMP 5199-01-64, Crushing &
stockpiling 39,575 tons of aggr.
in Chouteau, Glacier, Hill & Toole Counties
Contract Let: 11/24/64
Amount of Contract: $116,492.55
Work Not Started

Snyder Construction Company
Black Eagle, Montana
William J. Neely, Soils Engineer
Havre, Montana
Contract Time: 150 calendar days
Probable Completion Date: 8/31/65

The contractor has advised that crushing will begin about 2/1/65.

Respectfully submitted,

L. A. Horvick
Division Engineer

LAH:eh

Division Office
Glendive, Montana
December 31, 1964

Montana Highway Department
Helena, Montana

WEEKLY NEWS LETTER
Division 4130

Gentlemen:

Herewith Weekly Construction News Letter for the week ending December 30, 1964, for Division 4130, Glendive, Montana.

GENERAL

With most of the engineers on annual leave there was very little progress on location surveys. Only one construction project is active and work was suspended on it between Christmas and New Years. Temperatures ranged from 16 degrees above zero to 14 below zero.

PRECONSTRUCTION

I 94-5 (1) 160, Prairie County Line - East
Length - 13.0 miles
Survey Resumed - Sept. 3, 1964
Survey Suspended - Dec. 7, 1964

Harold D. Kelly, Proj. Eng.
Terry, Montana
Prob.Completion Date-May 15, 1965

Plan and Profile are 55% complete and section ties are 48% complete. The survey as a whole is 54% complete with 327.5 man days consumed to date. This survey suspended on end of work day - December 7, 1964.

I 94-5 (2) 182, Fallon-Glendive
Length - 6.0 miles
Survey started - Oct. 2, 1961

Unassigned

With 57 man days consumed on photogrammetry ground control, no further work will be done on this project until a later date.

I 94-6 (3) 191, Fallon-Glendive
Length - 17.0 miles
Survey Started - Oct. 13, 1961

Unassigned

Work suspended with a total of 46 man days consumed on photogrammetry ground control until a later date.

S 128 (4), Wibaux - Sidney
Length - 13.5 miles

Unassigned

Survey on this project has been postponed indefinitely.

PRECONSTRUCTION

F 157 (21), Jordan-Cohagen
Length - 14.7 miles
Survey Resumed - Nov. 16, 1964

Dean V. Borgen, Proj. Eng.
Jordan, Montana
Prob.Completion Date-March 1, 1965

A five-man engineering party worked one day taking topography between Station 90 + 00 to Station 185 + 00 making a total to date of 3.5 miles or 24% complete. Cross sections remain 13.6% complete, centerline remains 69% complete and bench levels remain 27% complete. Total project is 33% complete. Five man days were consumed making a total to date of 148½ man days. Survey will be temporarily suspended from December 24, 1964 to January 4, 1965 due to annual leave.

F 245 (12), Glendive-Sidney
Length - 12.9 miles

Unassigned

Survey on this project has been postponed indefinitely.

F 245 (13), Glendive-Sidney
Length - 18.7 miles
Survey Resumed - Nov. 10, 1964

Wayne N. Monte, Res. Eng.
Glendive, Montana
Prob.Completion Date-Feb. 15, 1965

No work on this survey this past week. Survey as a whole remains 86% complete or equivalent of 16.1 miles of completed survey. 725.5 man days consumed. Thirteen and two-tenths miles of completed survey have been submitted to Helena.

F 256 (22), Grass Range-Jordan
Length - 11.003 miles
Design Stage

John M. Berres, Div.Off.Eng.
Glendive, Montana
Field Work Completed-April 5, 1963
Prob.Completion Date-April 2, 1965

Design of this project was resumed on December 29, 1964 with two man days used making Plan In Hand changes during past week. Design is 52% complete with 100 man days used to date.

S 359 (6), Marsh-Glendive
Length - 11.0 miles

Unassigned

Survey on this project has been postponed indefinite ly.

CONSTRUCTION

F 2 (17), Baker - Wibaux
Length - 24.383 miles
Agg. Surf. and P.M. Bit. Surf.
Contract let - June 24, 1964
Amount of contract - $394,531.90
Work started - July 27, 1964

P. A. Bradbury Constr. Co., Contr.
Aberdeen, South Dakota
Howard D. Kelly, Proj. Eng.
Glendive, Montana
Completion Date-200 calendar days
Prob.Completion Date-June 30, 1965

F 2 (17), Baker-Wibaux (Continued)

Winter suspend order issued November 13, 1964 and remains in effect. Type 3 plant mix produced remains total of 26,989.6 tons or 38.3% complete. 1,701.91 tons of 100 - 120 asphalt cement used for 40.2% of this item. 424.92 tons of mineral filler used making this item 30.1% complete. First lift of plant mix completed from Wibaux City Limits to 18.9 miles south. Contract as a whole is an estimated 51.3% complete with 109 of the 200 calendar days or 54.5% of the contract time elapsed.

I 94-6(7) 216 and I 94-6(8) 221
Unit 1, Glendive - East and
Wibaux County Line - West
Total Length - 16.948 miles
Signing; Grad; Agg. Surf;
P.M. Surf; Two Bridges and
Small Drainage Structures
Contract let - Sept. 25, 1963
Amount of contract - $2,246,117.54
Proceed Work Order - Oct. 15, 1963
Work started - Oct. 16, 1963

S. Birch, Inc., Nilson-Smith Construction Company, Contr.
Great Falls, Montana
Wayne N. Monte, Res. Eng.
Glendive, Montana
Completion Date-400 calendar days
Prob.Completion Date-May 1, 1965

Suspend work order issued effective at end of work day - November 18, 1964, which constituted a winter shut down order, remains in effect. Project I 94-6(7) 216 - The work on this project, which is signing only, completed on November 2, 1964 and will await Bureau of Public Roads acceptance until the balance of this contract is completed. Project I 94-6 (8) 221 Unit 1 - No work this past week. Guard rail remains 62% complete and the signing items, as a whole, remain 70% complete. All the other contract items are 100% complete. Project as a whole remains an estimated 98% complete with 259 of the 400 calendar days or 64.75% of the contract time elapsed.

S 194 (4), Ekalaka-Mill Iron
Length - 0.338 mile
Grad; Agg. Surf; Drain and
Construct 224.5 Ft. Pre-stressed
Concrete Beam Bridge
Contract let - June 24, 1964
Amount of contract - $117,818.42
Work started - Sept. 15, 1964

F. L. Flynn and Co., Contr.
Billings, Montana
Clifford H. Neiffer, Br. Insp.
Ekalaka, Montana
Completion Date-June 30, 1965
Prob.Completion Date-June 30, 1965

No progress past week. Contractor did not work due to adverse weather and holiday. Project remains 45% complete with 50% of the contract time elapsed. Construction layout with two engineers presently on annual leave remains 92% complete.

S 238(4) and S411(3),Circle-South and East and Brockway-East
Length - 6.884 and 1.033 miles
Grad; Agg. Surf; and Drain
Contract let - June 24, 1964
Amount of contract - $267,401.71
Work started - August 17, 1964

Frank E. Olson, Contractor
Williston, North Dakota
David A. McCloy, Proj. Eng.
Glendive, Montana
Completion Date-280 calendar days
Completed - November 13, 1964

Project completed and accepted by Division Engineer and McCone County Commissioners on November 13, 1964. Portion of final estimate has been submitted to Division Office for final check, making final estimate 68% complete.

F 246(13), Circle-Glendive
Length - 9.203 miles
Grad; Agg. Surf; P.M. Surf;
and Small Drainage Structures
Contract let - October 30, 1963
Amount of contract - $703,810.52
Work started - November 14, 1963

Peter Kiewit and Sons, Contr.
Billings, Montana
John D. Riley, Proj. Eng.
Circle, Montana
Completion Date-250 calendar days
Prob.Completion Date-April 15, 1965

Suspend work order issued effective November 13, 1964 due to heavy snow and snow plowed drifts against the guard rail. No work on project during past week. All items are 100% complete with exception of guard rail installation which remains 42% complete. Project as a whole is 98% complete with 215 of the 250 calendar days elapsed or 86% of the contract time expired. Final estimate is 40% complete with remeasurement of grading quantities 100% complete which were submitted to Helena on November 27, 1964 for IBM computations.

S 264 (4), East of Van Norman-North
Length - .0 mile
Install 120" x 100' S.P.P.C.
Contract let - Sept. 30, 1964
Amount of contract - $15,097.00
Proceed Work Order - Oct. 20, 1964
Work not started

Walter Mackin and Son, Contr.
Billings, Montana
Project Engineer Unassigned
Completion Date-60 calendar days
Prob.Completion Date-March 15, 1965

Winter shut down order issued November 24, 1964. Project remains 0% complete with 36 calendar days or 60% of the contract time elapsed.

S 318 (4) and S 347 (11)
Alzada - Ekalaka
Length - 8.194 miles
Grad; Agg. Surf; P.M. Surf;
and Small Drainage Structures
Contract let - August 28, 1963
Amount of contract - $746,575.80
Work started - Sept. 19, 1963

Wickens Brothers - Contractor
Suffolk, Montana
Dean V. Borgen, Proj. Eng.
Jordan, Montana
Completion Date-300 calendar days
Prob.Completion Date-June 15, 1965

S 318 (4) and S 347(11), Alzada-Ekalaka (Continued)

Suspend work order constituting winter shut down order issued at close of work on September 25, 1964. Grading, pipe drains and all surfacing items are 100% complete with exception of 3/8" cover material which is 22% complete and RS-2C emulsified asphalt which remains 24% complete. Project as a whole is 87% complete with 224 calendar days consumed or 75% of the contract time elapsed. Construction layout is 100% complete.

Respectfully,

W. K. Brittain, Distr. Eng.

WKB:jr

STATE HIGHWAY COMMISSION
Wolf Point, Montana
December 31, 1964

CONSTRUCTION PROGRESS REPORT

State Highway Commission
Helena, Montana

WEEKLY NEWS LETTER
Division 4230

Gentlemen:

The following Construction Progress Report for the week ending December 30, 1964, for Division 4230, Wolf Point, Montana.

GENERAL

Weather conditions have been generally unfavorable for survey and construction activities because of snow and low temperatures. The temperature ranged from a low of -26 to a high of +10.

PRECONSTRUCTION

F 193 (11), Culbertson-North — Unassigned
Approximately 6.5 Miles in Length
Location Survey Started--
Authorized--Dec. 19, 1961

It is expected that the survey will be started January 1965.

F 240 (12), Poplar-Brockton — Unassigned
14.198 Miles in Length
G., G.S., P.M.S.
Contract Let--

Construction layout will not be started until conclusion of court action in regards to necessity.

FG-253 (12), Wolf Point Underpass & Apprs. — Unassigned
Approximately 0.4 miles in Length
Authorized--May 22, 1964
Location Survey Started--

The location survey of the underpass and approaches will be started approximately December 1st, 1965.

S 286 (5), Opheim-Canadian Line — Dean Seiler, Project Engineer
Approximately 10.347 Miles in Length — Glasgow, Montana
Location Survey Started--
Authorized--October 20, 1964

This project was previously graded and drained and the location survey will consist primarily of determining dimensions of existing sub-grade and determination of whether or not existing facilities are adequate. The survey should be started January fourth.

S 335 (6), Legion Plunge-Southwest — Unassigned
Approximately 1.10 Miles in Length
Authorized--September 17, 1964
Location Survey Started--

Location survey will be started in January 1965.

S 415 (1), Medicine Lake-East — Ben Harada, Div. Ofc. Engr. II
Approximately 15.9 Miles in Length — Wolf Point, Montana
Authorized--Dec. 18, 1962 — Field Work Compl.Date--3-18-63
Location Survey Started--Feb. 6, 1963 — Design Started-(6.04 Mi.)--6-6-63
Design Compl.-(6.04 Mi.)--10-25-63

The design of the remaining 9.9 miles will not be started until approximately January 1966.

S 417 (1), North of Antelope-East — Ben Harada, Div. Ofc. Engr. II
Approximately 13.0 Miles in Length — Wolf Point, Montana
Authorized--Sept. 21, 1962 — Field Work Compl.-(7 Mi.)--2-5-63
Location Survey Started--Jan. 7, 1963 — Design Compl.(7 Mi.)--5-10-63

The survey of the remaining six miles has been indefinitely postponed.

S 428 (1), Wagner-Southeast — Ben Harada, Div. Ofc. Engr. II
Approximately 9.5 Miles in Length — Wolf Point, Montana
Authorized--Sept. 13, 1963 — Field Work Compl.--7-31-64
Location Survey Started--Feb. 28, 1964 — Design Started--7-16-64
Compl.(P.I.H. Stage)--12-18-64

A total of 169 man days have been used to date. The design is 50% complete and was submitted to Helena December 18th for plan in hand prints. Plan in hand should be completed sometime during the month of January.

CONSTRUCTION

F 148 (8), Hinsdale-East & West — Morgan & Osgood & Affiliates
Three Concrete Bridges — Glasgow, Montana
Contract Let--Sept. 30, 1964 — Arthur Kuntz, Project Engineer
Contract Awarded--Sept. 30, 1964 — Glasgow, Montana
Bid Price--$403,722.58 — Compl.Date--June 30, 1966
Work Started--October 27, 1964 — Prob.Compl.Date--June 30, 1966

There was no progress due to inclement weather and no further work will be accomplished until after Christmas. The structure excavation remains at 28%, Shoring and Cribbing 23% and the treated timber test piling at 58% complete. The untreated test piling remains at 33% complete. The contract remains 7% complete with 14% of the contract time elapsed. There are three state employees assigned to the project.

F 148 (9), Hinsdale-East & West
7.595 Miles in Length
G., G.S., P.M.S. & Dr.
Contract Awarded--Dec. 3, 1964
Contract Let--October 28, 1964
Work Started--
Bid Price--$891,836.53
Proceed Order Date--Dec. 24, 1964
Seasonal Shutdown Order--Dec. 23, 1964

Peter Kiewit Sons' Co.
Billings, Montana
Dean E. Seiler, Project Engr.
Glasgow, Montana
Calendar Days--300
Prob.Compl.Date--July 31, 1966

Centerline and reference lines are 100% complete, cross-sectioning 20% complete, culvert staking 50% complete and construction layout as a whole is 48% complete with a 7 man engineering crew engaged on this project and others in the same vicinity.

F 193 (16), Culbertson-Plentywood
1.567 Miles in Length
F 251 (11), Scobey-East
7.953 Miles in Length
G., G.S., P.M.S. & Curbs
Contract Let--July 29, 1964
Contract Awarded--Sept. 1, 1964
Work Started--Oct. 14, 1964
Bid Price--$695,074.32
Proceed Order Date--Sept. 21, 1964
Shutdown Order--November 13, 1964

P.A. Bradbury Construction Co.
Aberdeen, South Dakota
James E. Baldwin, Project Engr.
Plentywood, Montana
M. J. Coffey, Project Engr.
Scobey, Montana
Calendar Days--300
Prob.Compl.Date--Sept. 15, 1965

There was no progress. F 193 (16). The only work accomplished to date is pouring 350 lineal feet of curb and gutter making this item 5% complete. No further work will be accomplished on this project until next spring. Construction layout is 92% complete. F 251 (11). The unclassified excavation remains at 120,000 cubic yards or 27% complete. The small drainage items remain at 910 lineal feet or 40% complete and the Sectional Plate Stockpass remains 100% complete. Construction to date does not interfere with the P.T.W. F 193 (16) is less than 1% complete. F 251 (11) is 7% complete and the contract as a whole is 8% complete with 18% of the contract time elapsed. There are 7 state employees engaged on the project.

S 368 (16)-(R-AD 11 (1)), Glasgow-Airbase
14,870 Miles in Length
G., G.S., P.M.S. and Widen Bridge
Contract Let--July 29, 1964
Contract Awarded--Aug. 14, 1964
Bid Price--$864,977.41
Work Started--November 5, 1964
Proceed Order Date--Sept. 3, 1964
Seasonal Shutdown Order--10-27-64

Hilde Construction Co., Inc.
Great Falls, Montana
Dean Seiler, Project Engr.
Glasgow, Montana
Calendar Days--280
Prob.Compl.Date--Sept. 15, 1965

S 368 (16)-(R-AD 11 (1), Glasgow-Airbase

There was no progress due to inclement weather and vacations and no further work will be accomplished until after the Holidays. The only work accomplished to date is that of widening the treated timber bridge in place. Treated timber piling remains 100% complete, the treated timber remanins at 17.8 M.B.M. or 90% complete and Revise Structure and Maintain Traffic remains 80% complete, with the bridge as a whole being 87% complete. Traffic lights and signs have been erected and are being used as necessary to direct traffic. Work on the main items will not begin until next spring and the contractor plans then to move in sufficient equipment to complete the project within the stipulated time period. The project is 2% complete and 19% of the contract time has elapsed. Construction layout is 99% complete. There are 7 state employees engaged on this project and other projects in the same vicinity.

S 415 (3), Medicine Lake-East
6.041 Miles in Length
G., G.S., & Br.
Contract Let--June 24, 1964
Work Started--7-27-37
Bid Price--$186,770.37
Proceed Order Date--July 21, 1964
Shutdown Order--November 25, 1964

Hilling Construction Co.
Williston, North Dakota
James Baldwin, Project Engr.
Plentywood, Montana
Prob.Compl.Date--April 15, 1965

There was no progress. The contractor will not resume work until January 4th. Grading, drainage and bridge remain 100% complete. The riprap remains at 200 cubic yards or 80% complete and the 1" base remains at 16,500 ton or 32% complete. The first lift of material has been placed and laid on the easterly half of the project. The contractor will complete the first lift of material over the entire project, and will then shutdown until spring. Travel conditions are good. The contract remains 70% complete with 71% of the contract time elapsed. There are 6 state employees engaged on this project and other projects in the same vicinity.

S 417 (3), Antelope-Coalridge
7.292 Miles in Length
G., G.S., P.M.S & C.
Bid Price--$352,565.66
Work Started--April 20, 1963
Proceed Order Date--December 10, 1963
Contract Let--November 20, 1963
Seasonal Shutdown Order--Dec. 9, 1963
Resume Work Order--April 20, 1964
Seasonal Shutdown Order--Oct. 28, 1964

Hilling Construction Co.
Williston, North Dakota
James Baldwin, Project Engr.
Plentywood, Montana
Calendar Days--200
Prob.Compl.Date--July 16, 1965

The project was completed through the plant mix on October 28th and no further work will be accomplished until next spring when conditions for sealing operations will be more favorable. The cover material has been stockpiled for future use. The project is now 96% complete and 84% of the contract time has elapsed.

SMP 4220-01-4310-01-23-4030, Underpass
G.N. R.R. - Wolf Point Underpass on
Highway 13W
Contract Let--October 28, 1964
Work Started--
Bid Price--$11,271.00

Eskestrand Bros. Construction Co.
Havre, Montana
Unassigned
Compleiton Date--June 30, 1965
Est. Compl.Date--June 30, 1965

No word has been received from the contractor as to his plans for prosecuting the work.

SMP 4399-64
Crushing and Stockpiling
Surfacing Materials
Contract Let--June 24, 1964
Bid Price--$231,995.00
Work Started--

Francis M. Tindall, Contractor
Lewistown, Montana
Duane Novakovich, Project Engr.
Wolf Point, Montana
Compl.Date--June 30, 1965

The contractor began moving in December 14th but recent storms have made it impossible for the contractor to produce any materials and it now appears that nothing will be accomplished before January 4th. 51% of the contract time has elapsed.

G. E. Flemming
Division Engineer

GEF:oh
cc: Brittain

STATE HIGHWAY COMMISSION
BILLINGS, MONTANA
DECEMBER 31, 1964

STATE HIGHWAY COMMISSION
HELENA, MONTANA

WEEKLY NEWS LETTER
AREA FUNCTION 5130

GENTLEMEN:

THE FOLLOWING IS A REPORT ON HIGHWAY PRECONSTRUCTION AND CONSTRUCTION PROJECTS IN AREA FUNCTION 5130 FOR THE WEEK ENDING DECEMBER 31, 1964:

GENERAL

FAIR WEATHER AND SEASONAL TEMPERATURES PREVAILED THROUGHOUT THIS AREA OF THE STATE DURING THE PAST WEEK. FAIR TO GOOD PROGRESS WAS REPORTED ON PRECONSTRUCTION AND CONSTRUCTION PROJECTS.

PRECONSTRUCTION

I 90-8 (9) 455 & I 90-9(8) 471 BILLINGS-TOLUCA
28.6 MILES OF LOCATION SURVEY
SURVEY STARTED 5-21-64

RADER & ASSOCIATES
HELENA, MONTANA

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK AND THE SURVEY REMAINS 10% COMPLETE.

F 86(17) MILES CITY-EAST
18.146 MILES OF ROADWAY DESIGN

W. C. WARD, DIV. OFC. ENG.
BILLINGS, MONTANA

DESIGN WORK HAS NOT BEEN STARTED ON THIS PROJECT.

F 106(9) BOYD-ROCKVALE
11.5 MILES OF LOCATION SURVEY

PERSONNEL UNASSIGNED

WORK WILL BE STARTED ON THIS SURVEY WHEN ENGINEERING PERSONNEL IS AVAILABLE.

F 258(13) BRIDGER-SOUTHEAST
6.546 MILES OF ROADWAY DESIGN

W. C. WARD, DIV. OFC. ENG.
BILLINGS, MONTANA

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. DESIGN WORK AS A WHOLE REMAINS 7% COMPLETE AND THE ESTIMATED COMPLETION DATE IS 7-1-65.

S 154(3) JOLIET-COLUMBUS
9.5 MILES OF ROADWAY DESIGN

W. C. WARD, DIV. OFC. ENG.
BILLINGS, MONTANA

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. DESIGN WORK REMAINS 14% COMPLETE AND THE ESTIMATED COMPLETION DATE IS 4-15-65.

S 260(6) & (2) LODGE GRASS-SOUTHWEST
6.309 MILES OF ROADWAY DESIGN

W. C. WARD, DIV. OFC. ENG.
BILLINGS, MONTANA

TWO MEN WERE ASSIGNED THIS WEEK AND WORK CONSISTED OF PLOTTING LINE CHANGE ON HARD SHELL AND PROFILE. WORK WAS ALSO DONE CHECKING FIELD NOTES AND INKING LINE CHANGE ON LINEN SHEETS. DESIGN WORK IS NOW 75% COMPLETE AND THE ESTIMATED COMPLETION DATE IS 1-8-65.

S 322(4) HARDIN-NORTHEAST
7.584 MILES OF LOCATION SURVEY

W. C. WARD, DIV. OFC. ENG.
BILLINGS, MONTANA

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. THE PROJECT IS READY FOR PIH INSPECTION. DESIGN WORK AS A WHOLE IS 50% COMPLETE AND THE ESTIMATED COMPLETION DATE IS 1-20-65.

S-SG 367(3) CUSTER-HYSHAM
0.9 MILES OF LOCATION SURVEY

PERSONNEL UNASSIGNED

WORK WILL BE STARTED ON THIS SURVEY WHEN ENGINEERING PERSONNEL IS AVAILABLE.

S 433(1) LAUREL-NORTHWEST
8.0 MILES OF LOCATION SURVEY

W. F. WOOLSTON, PROJECT ENGINEER
BILLINGS, MONTANA

A FOUR-MAN CREW WAS ENGAGED FOR THREE DAYS THIS WEEK SETTING P. I. CONTROL POINTS ON THE BEGINNING TWO MILES OF THE SURVEY BEGINNING AT FIRST AVENUE AND 7TH STREET IN LAUREL. A FOUR-MAN CREW WAS ENGAGED THIS WEEK IN SETTING BENCH MARK ELEVATIONS. TWENTY-ONE MAN DAYS WERE USED THIS WEEK FOR A TOTAL TO DATE OF EIGHTY. THE SURVEY AS A WHOLE IS NOW 6% COMPLETE.

CONSTRUCTION

I 90-7(8) 387, U-3, REED POINT-WEST &
I-IG 90-8(12) 388, U-4, REED POINT-EAST
10.547 MILES OF INTERSTATE FENCING ON THE REED POINT EAST AND WEST ROADS
CONTRACT LET 4-6-62
AMOUNT OF CONTRACT - $81,017.00
WORK STARTED 5-8-62

CLAIR BOULET CONST. CO., CONTRACTOR
BUTTE, MONTANA
WALTER REICHENBERG, PROJECT ENGINEER
COLUMBUS, MONTANA
CONTRACT TIME 200 CALENDAR DAYS
WORK COMPLETED 10-29-64

FINAL ESTIMATE AND SUPPORTING DATA ARE BEING CHECKED IN THE DIVISION OFFICE AND WILL BE SUBMITTED TO HELENA ABOUT 1-29-65.

I 90-7(13) 387 & I 90-8(21) 388
10.547 MILES OF SEEDING ON THE REED POINT-EAST AND WEST ROAD
CONTRACT AWARDED 8-26-64
AMOUNT OF CONTRACT - $6,489.45
WORK STARTED 10-19-64

BOB CLARK & SON FENCING CO., CONTR.
CHOTEAU, MONTANA
WALTER REICHENBERG, PROJECT ENGINEER
COLUMBUS, MONTANA
CONTRACT COMPLETION DATE 5-15-65
WORK COMPLETED 11-14-64

FINAL CHECKING IN THE DIVISION OFFICE IS NOW 25% COMPLETE AND THE FINAL ESTIMATE AND SUPPORTING DATA WILL BE SUBMITTED TO HELENA ABOUT 1-25-65.

I-IG 90-8(17) 433, U-1, LAUREL-MOSSMAIN &
F 134(6) LAUREL-SOUTH
5.943 MILES GRADING, AGGREGATE SURFACING, PMS, AND DRAIN.
CONTRACT AWARDED 1-31-63
AMOUNT OF CONTRACT - $1,975,465.46
WORK STARTED 3-12-63

SCHULTZ & LINDSAY CONST., CONTRACTOR
FARGO, NORTH DAKOTA
MICHAEL ZAHN, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 400 CALENDAR DAYS
WORK COMPLETED 10-30-64

FINAL ESTIMATE AND SUPPORTING DATA WILL BE SUBMITTED TO THE DIVISION OFFICE FOR CHECKING ON 1-15-65.

I-IG 90-8(17) 433, U-3, 5.282 MILES OF INTERSTATE FENCING ON LAUREL-MOSSMAIN ROAD
CONTRACT AWARDED 1-31-63
AMOUNT OF CONTRACT - $38,985.00
WORK STARTED 4-15-63

GRAND FENCE CO., CONTRACTOR
BILLINGS, MONTANA
MICHAEL ZAHN, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 200 CALENDAR DAYS

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. THE PROJECT REMAINS 96% COMPLETE WITH 65% OF THE CONTRACT TIME ELAPSED.

I 90-8(19)443 U1, I 90-8(25)438, F 228(19)U1 & S-SG 192(4)U1, 8.785 MI. SIGNING & DELINEATING & 2.648 MILES GRADING, AGG. SURF., & PMS OF THE LAUREL-NORTHEAST, WEST BILLINGS INTERCHANGE & KINGS AVE.-WEST ROADS
CONTRACT AWARDED 9-25-63
AMOUNT OF CONTRACT - $1,374,355.79

LONG CONSTRUCTION CO., CONTRACTOR
BILLINGS, MONTANA
BRUCE RUSSELL, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 350 CALENDAR DAYS
PROBABLE COMPLETION DATE 7-1-65

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK AS A SUSPEND WORK ORDER IS STILL IN EFFECT. THE CONTRACT REMAINS 77% COMPLETE WITH 73% OF THE CONTRACT TIME ELAPSED. A TWO-MAN CREW IS PRESENTLY ENGAGED IN OFFICE COMPUTATIONS AND QUANTITY CHECKING.

I 90-8(19)443 U2, F 228(19)U2 & S-SG 192(4)U2
2.648 MILES OF FENCING ON WEST BILLINGS INTERCHANGE, LAUREL-BILLINGS AND KINGS AVE. ROAD-WEST
CONTRACT AWARDED 9-25-63
AMOUNT OF CONTRACT - $28,124.13
WORK STARTED 4-24-64

U. S. STEEL CORP., CONTRACTOR
PORTLAND, OREGON
BRUCE RUSSELL, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 160 CALENDAR DAYS
PROBABLE COMPLETION DATE 7-1-65

CONTRACTOR HAS COMPLETED ALL WORK ON THE PROJECT UNTIL ROADWAY CONSTRUCTION CONTRACTOR PROCEEDS WITH HIS WORK. A SUSPEND WORK ORDER WAS ISSUED 5-20-64. THE PROJECT IS 25% COMPLETE WITH 21% OF THE CONTRACT TIME ELAPSED.

I 90-8(22) 444, U1, WEST BILLINGS INTERCHANGE-TO 27TH STREET, 2.986 MILES GRADING, AGG. SURF., PMS & DRAIN. & CONST. OF 2 CONCRETE STRUCTURE
CONTRACT LET 12-18-64
AMOUNT OF CONTRACT - $1,398,683.58

NORTHWESTERN ENGINEERING CO., CONTR.
RAPID CITY, S. DAK.
BRUCE RUSSELL, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 300 CALENDAR DAYS

A FIVE-MAN CREW IS ENGAGED IN IRRIGATION DITCH LAY-OUT AND PRELIMINARY OFFICE COMPUTATIONS. CONSTRUCTION LAY-OUT IS NOW 3% COMPLETE. NO WORK HAS BEEN RECEIVED FROM THE CONTRACTOR AS TO WHEN HE INTENDS TO START WORK.

I 90-8(22)444 U2 & I-IG 90-8(23)447 U3
6.588 MILES OF FENCING ON WEST BILLINGS INTERCHANGE TO U. S. 87
CONTRACT LET 12-18-64
AMOUNT OF CONTRACT - $102,252.82
WORK NOT STARTED

UNITED STATES STEEL CORP., CONTR.
PORTLAND, OREGON
BRUCE RUSSELL, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 250 CALENDAR DAYS

NO CREW IS ASSIGNED TO THIS PROJECT AT THE PRESENT TIME AND NO WORK HAS BEEN RECEIVED FROM THE CONTRACTOR AS TO WHEN THEY PLAN TO START WORK.

I-IG 90-8(23)447 U2, BILLINGS 27TH ST. TO - U.S. 87, 3.602 MILES OF GRADING, AGG. SURF., PMS & DRAIN. & CONST. OF 5 CONCRETE STRUCTURES
CONTRACT LET 12-18-64
AMOUNT OF CONTRACT - $2,530,551.97
WORK NOT STARTED

ZOOK CONSTRUCTION CO., CONTRACTOR
GREAT FALLS, MONTANA
C. O. GRANSBERG, PROJECT ENGINEER
BILLINGS, MONTANA

A SEVEN-MAN CREW IS ASSIGNED TO CONSTRUCTION LAY-OUT, WHICH IS NOW 10% COMPLETE. SLOPE STAKING OF MAIN LINE IS 100% COMPLETE AND SLOPE STAKING OF "F" LINE AND THE RIGHT FRONTAGE ROAD IS 100% COMPLETE. THE SHOSHONE PIPE LINE COMPANY IS ENGAGED IN ENCASING A 6" PIPE LINE.

I 90-8(24) 433 & F 134(7), 5.943 MILES SIGNING & DELINEATING ON THE LAUREL-MOSSMAN & LAUREL-SOUTH ROADS
CONTRACT LET 4-29-64
AMOUNT OF CONTRACT - $40,705.43
WORK STARTED 7-10-64

MIDLAND ELECTRIC CO., CONTRACTOR
BILLINGS, MONTANA
MICHAEL ZAHN, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 30 CALENDAR DAYS
PROBABLE COMPLETION DATE 1-30-65

FAIR PROGRESS. CONTRACTOR COMPLETED PULLING THE #6 COPPER CONDUCTOR AND #10 COPPER CONDUCTOR THIS WEEK. WORK WAS ALSO DONE ERECTING STRUCTURAL STEEL POSTS AND THIS ITEM IS 60% COMPLETE. WORK WAS ALSO COMPLETED INSTALLING THE DESIGN "B" GUIDE POSTS. CONTRACTOR WORKED ONE EIGHT-HOUR SHIFT DAILY THIS WEEK WITH SIX MEN EMPLOYED. PROJECT IS 33% COMPLETE WITH 100% OF THE CONTRACT TIME ELAPSED. CONTRACTOR HAS OVERRUN THE CONTRACT TIME BY FIFTEEN DAYS TO DATE. TWO MEN ARE ASSIGNED TO SUPERVISION AND INSPECTION.

I 94-1(7) 50, I 94-2(7) 51 & F 114(6) 19.72 MILES SIGNING & DELINEATING ON THE CUSTER-HYSHAM ROADS
CONTRACT LET 3-25-64
AMOUNT OF CONTRACT - $26,608.11
WORK STARTED 10-21-64

TSCHACHE BROS., CONTRACTOR
BOZEMAN, MONTANA
W. A. BLAKE, PROJECT ENGINEER
HYSHAM, MONTANA
CONTRACT TIME 30 CALENDAR DAYS
PROBABLE COMPLETION DATE 1-20-65

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. THE PROJECT REMAINS 85% COMPLETE.

I 94-1(8) 50 & I 94-2(9) 51 17.549 MILES OF SEEDING ON THE CUSTER-EAST AND HYSHAM-WEST ROADS
CONTRACT AWARDED 10-7-64
AMOUNT OF CONTRACT - $37,233.73
WORK STARTED 10-19-64

LOFTUS LANDSCAPING, INC., CONTR.
KENNEWICK, WASHINGTON
W. A. BLAKE, PROJECT ENGINEER
HYSHAM, MONTANA
CONTRACT COMPLETION DATE 5-15-65
WORK COMPLETED 11-23-64

THE FINAL ESTIMATE AND SUPPORTING DATA WILL BE SUBMITTED TO THE DIVISION OFFICE O FOR CHECKING ABOUT 1-8-64.

I 94-2(5) 55, U-1, BIG HORN-EAST 6.434 MILES OF GRADING, AGGREGATE SURFACING, PMS, AND DRAINAGE
CONTRACT LET 9-26-62
AMOUNT OF CONTRACT - $1,663,818.19
WORK STARTED 10-27-62

S. H. ARKWRIGHT, INC., CONTRACTOR
BILLINGS, MONTANA
W. A. BLAKE, PROJECT ENGINEER
HYSHAM, MONTANA
CONTRACT TIME 400 CALENDAR DAYS
PROBABLE COMPLETION DATE 1-20-65

POOR PROGRESS. THE ONLY WORK DONE DURING THE PAST WEEK CONSISTED OF A THREE-MAN CREW WHICH WAS ENGAGED IN STRAIGHTENING OF GUARD RAIL POSTS. THE PROJECT IS 98% COMPLETE WITH 100% OF THE CONTRACT TIME ELAPSED. THERE IS AN OVERRUN OF THE CONTRACT TIME OF SIXTY-THREE DAYS TO DATE. CONTRACTOR WORKED ONE EIGHT-HOUR SHIFT DAILY THIS WEEK WITH THREE MEN EMPLOYED. ONE MAN IS ASSIGNED TO SUPERVISION AND INSPECTION.

I 94-2(5) 55, U2, 6.434 MILES OF
INTERSTATE FENCING ON BIG HORN-EAST
CONTRACT LET 9-26-62
AMOUNT OF CONTRACT - $40,494.50
WORK STARTED 10-26-62

WALTER MACKIN & SONS, CONTRACTOR
BILLINGS, MONTANA
W. A. BLAKE, PROJECT ENGINEER
HYSHAM, MONTANA
CONTRACT TIME 250 CALENDAR DAYS
WORK COMPLETE 11-3-64

THE FINAL ESTIMATE AND SUPPORTING DATA WILL BE SUBMITTED TO THE DIVISION OFFICE FOR CHECKING ABOUT 1-8-65.

F 53(13) & F 230(9) BILLINGS-EAST
2.117 MILES GRADING, AGG. SURF., PMS, AND DRAIN.
CONTRACT LET 6-25-64
AMOUNT OF CONTRACT - $642,885.49
WORK STARTED 7-10-64

EMPIRE SAND & GRAVEL, CONTRACTOR
BILLINGS, MONTANA
D. C. KITTELSON, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 130 CALENDAR DAYS
PROBABLE COMPLETION DATE 6-1-65

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. GRADING WORK IS 94% COMPLETE, SURFACING ITEMS ARE 80% COMPLETE, AND PMS IS 28% COMPLETE. PROJECT REMAINS 58% COMPLETE WITH 59% OF THE CONTRACT TIME ELAPSED.

SG 192(5) CONSTRUCTION OF DUAL 189.5'
PRESTRESSED CONCRETE BEAM OVERPASS OVER NPRR ON KINGS AVE. ROAD-WEST
CONTRACT LET 2-26-64
AMOUNT OF CONTRACT - $140,205.84
WORK STARTED 3-17-64

COP CONSTRUCTION CO., CONTRACTOR
BILLINGS, MONTANA
KENNETH BOWERSOX, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT COMPLETION DATE 9-30-64
PROBABLE COMPLETION DATE 1-30-65

NO WORK WAS DONE ON THIS PROJECT DURING THE PAST WEEK. PROJECT REMAINS 87% COMPLETE WITH 100% OF THE CONTRACT TIME ELAPSED. THE CONTRACTOR HAS OVERRUN THE CONTRACT TIME BY EIGHTY-FOUR DAYS TO DATE.

S 192(7) KINGS AVE. ROAD-WEST
3.233 MILES GRADING, AGGREGATE SURFACING, PMS, AND DRAIN.
CONTRACT LET 12-18-63
AMOUNT OF CONTRACT - $147,458.93
WORK STARTED 3-9-64

SCHULTZ & LINDSAY, CONTRACTOR
FARGO, NORTH DAKOTA
MICHAEL ZAHN, PROJECT ENGINEER
BILLINGS, MONTANA
CONTRACT TIME 180 CALENDAR DAYS
PROBABLE COMPLETION DATE 7-1-65

CONTRACT IS UNDER A SEASONAL SUSPEND WORK ORDER AND THE REMAINING WORK, WHICH CONSISTS OF SEAL COATING, WILL BE COMPLETED NEXT SPRING. THE PROJECT IS 97% COMPLETE WITH 84% OF THE CONTRACT TIME ELAPSED.

RESPECTFULLY SUBMITTED,

C. R. Mackey

C. R. MACKEY
DIVISION ENGINEER

CRM:DRC:GMR

STATE HIGHWAY COMMISSION
Division Office
Miles City, Montana
December 31, 1964

State Highway Commission
Helena, Montana

Weekly News Letter
Division 5230

Gentlemen:

Herewith, Weekly Pre-Construction and Construction News Letter for the week ending January 1, 1965 for Division 5230, Miles City, Montana.

GENERAL

Partly cloudy skies along with temperatures averaging ten to fifteen degrees below normal prevailed during the past week. Progress throughout the division has been fair. On Project F 262 (14), one 1,500' and one 1,000' gravel surfaced detours are being utilized around structure sites 0.3 mile and 2.5 miles northwest of Alzada.

PRE-CONSTRUCTION

S 54 (6) - Biddle-Broadus
Length - 20.196
Survey Started: February 10, 1964
Survey Suspended: November 20, 1964

Project Engineer - Unassigned
Probable Completion Date: Feb. 26, 1965

All work was temporarily suspended on this survey November 20, 1964. To date centerline and levels have been run, bench marks established, cross sections taken and ownerships checked on 20.196 miles or 100% complete. Topography has been taken on 9.2 miles or 46% complete. Section ties have been made on 10.5 miles or 52% complete. Field notes have been checked on 6.0 miles or 30% complete, and plan has been plotted on 8.0 miles or 40% complete. 643 man days have been used to date. The survey as a whole is 80% complete.

F 86 (24) - Miles City-North Dakota Line
Length - 11.760 Miles, Grad; Agg. Surf. Pl.
Mix bit. Surf. and drain
Contract Not Let

Delmer F. Borer, Project Engineer
Miles City, Montana

Work in progress consisted of preparing grade and other notes during the past week. To date centerline and reference lines have been run on 4.0 miles or 34% complete. Construction layout, with a two-man engineering crew engaged, is 8% complete. Three additional employees assigned to this project are currently on annual leave.

I 94-3 (6) 101 - Rosebud-West and East
Length - 12.587 Miles
Survey Started: November 12, 1963
Survey Suspended: May 7, 1964
Survey Resumed: August 28, 1964

Jesse I. Freshour, Project Engineer
Forsyth, Montana
Probable Completion Date: March 15, 1965

No work was performed on this project during the past week as the engineering crew was on annual leave. To date centerline and levels have been run and bench marks established on 12.587 miles or 100% complete. Cross sections have been taken and profile plotted on 9.6 miles or 75% complete. Topography has been taken, section ties made, ownerships and field notes checked and plan plotted on 8.7 miles or 69% complete. 1,051 man days have been used. The survey as a whole is 81% complete.

I 94-4 (14) 148 - Shirley-West
Length - Approximately 6.5 Miles
Survey Started: December 16, 1964

Ray R. Garland, Project Engineer
Miles City, Montana
Probable Completion Date: May 15, 1965

No work was performed on this survey during the past week as the engineering crew is currently on annual leave. To date control points have been established. 8 man days have been used. The survey as a whole is 1% complete.

FG 135 (19) - Main Street-Miles City
Length - 0.312 Miles
Survey Started: November 23, 1964
Survey Suspended: December 15, 1964

Ray R. Garland, Project Engineer
Miles City, Montana
Probable Completion Date: March 31, 1965

All work was temporarily suspended on this location survey December 15, 1964. To date centerline has been run on 0.312 miles or 100% complete. Levels have been run and bench marks established on 0.3 mile or 96% complete. Cross sections have been taken on 0.20 mile or 64% complete. 81 man days have been used to date. The survey as a whole is 46% complete.

F 198 (5) - Broadus-Northwest
Length - Approximately 1.6 Miles
Survey Started: November 16, 1964
Survey Suspended: November 24, 1964

Project Engineer - Unassigned
Probable Completion Date: Feb. 15, 1965

All work was suspended on this location survey November 24, 1964. To date fly line has been run on 1.6 miles or 100% complete. Three man days have been used. The survey as a whole is 1% complete.

S 259 (1) - Rosebud-Cartersville
Approaches & Bridge over Yellowstone River
Length - 0.724 Mile
Survey Started: May 4, 1964
Survey Suspended: May 15, 1964

Project Engineer - Unassigned
Probable Completion Date: April 15, 1965

All work was suspended on this location survey May 15, 1964. To date centerline and levels have been run, bench marks established and cross sections taken on 0.725 mile or 100% complete. Topography has been taken on 0.5 mile or 69% complete. 48 man days have been used. The survey as a whole is 70% complete.

F 262 (15) - Broadus-Southeast
Length - Approximately 6.2 Miles
Survey Started: November 16, 1964
Survey Suspended: November 24, 1964

Project Engineer - Unassigned
Probable Completion Date: March 15, 1965

All work was suspended on this location survey November 24, 1964. To date fly line has been run on 6.2 miles or 100% complete. 7 man days have been used. The survey as a whole is 1% complete.

F 262 (14) - Broadus-Wyoming Line
Length - 9.551 Miles, Grad; Agg. Surf. Pl. Mix bit. Surf; Drain and the constr. of two prestressed conc. beam bridges, one 101.5' over Thompson Creek and one 141.5' over the Little Missouri River
Contract Let: May 26, 1964
Proceed Order: June 15, 1964
Amount of Contract: $823,493.34
Work Started: June 29, 1964

Peter Kiewit Sons' Company, Contractor
Billings, Montana
Delmer F. Borer, Project Engineer
Alzada, Montana
Contract Time: 250 Calendar Days
Probable Completion Date: July 15, 1965

A Suspend Work Order was issued December 15, 1964 due to inclement weather conditions. All work was suspended on this project December 17, 1964. To date 19,000 tons of Type "A" top course for plant mix aggregate have been crushed and stockpiled. Prime coating has been completed with the exception of minor patching. 3,964 lineal feet of C.M.P. culvert have been installed making this item 98% complete. 387 cubic yards of structure excavation have been removed or 75% complete. 287 cubic yards of Class "A" concrete have been placed or 90% complete. 20,826 lbs. of re-inforcing steel have been used or 29% complete. Ten prestressed concrete beams have been placed or 42% complete. Concrete structures as a whole are 54% complete. One 1,500' and one 1,000' gravel surfaced detours are being utilized around structure sites 0.3 mile and 2.5 miles northwest of Alzada. The project as a whole is 61% complete with 56% of the contract time elapsed. Construction layout is 95% complete. The four-man engineering crew assigned to this project is currently on annual leave.

S 388 (5) - Miles City-Kinsey
Length - 9.505 Miles
Grading, Aggregate Surfacing and Drain
Contract Let: June 25, 1964
Proceed Order: July 21, 1964
Amount of Contract: $395,667.74
Work Started: July 13, 1964

Harry Norgaard Company, Contractor
Williston, North Dakota
Ray R. Garland, Project Engineer
Miles City, Montana
Contract Time: 250 Calendar Days
Probable Completion Date: April 30, 1965

A Suspend Work Order was issued November 16, 1964 due to snow and cold temperatures. All work was suspended on this project December 11, 1964. To date 240,000 cubic yards of unclassified excavation have been moved or 92% complete. 57,800 tons of 1" Type "A" base surfacing have been placed or 62% complete. 5,398 lineal feet of C.M.P. culvert have been installed or 93% complete. 35 cubic yards of Type "A" random riprap have been placed or 5% complete. The project as a whole is 86% complete with 44% of the contract time elapsed. Construction layout is 97% complete. The three-man engineering crew assigned to this project is currently on annual leave.

John F. Van Vynck
Division Engineer

JFV:DM:js
cc: W. K. Brittain

STATE HIGHWAY COMMISSION
Lewistown, Montana

December 31, 1964

State Highway Commission
Helena, Montana

WEEKLY NEWS LETTER
Division 6130

Gentlemen:

The following is a report of highway preconstruction and construction in Division 6130 for the week ending December 31, 1964.

GENERAL

Only minor construction was in progress due to winter weather conditions. All projects are on winter shut down orders. Temperatures were normal to low ranging from +40 to -10 degrees with considerable variation of local conditions thruout the Division. Some snow and drifting conditions were experienced. Construction projects are in average to good winter travel condition.

PRECONSTRUCTION

F 8 (12) W.S.S.-Harlowton
Length: 11.301 Miles
Survey Started: 2-19-64

Elton M. Strunk, Res. Engr.
Harlowton, Montana
Donald G. Braach, Designer

PRECONSTRUCTION remains same as no work will be done until personnel is available. Cross section and centerline points are referenced out; bench levels run, bench marks established, land ownerships secured and profile are all 100% complete; topography 95% complete and hardshell 75% complete; field work is 88% complete with 296 man days used to date. DESIGN: 2 men worked eight mandays computing areas and quantities, balancing quantities, laying and computing grades, cross section notes, cross sections, topography plotted and inked are 100% complete. Design is 27% complete with 121 mandays used to date.

S 45 (4) Harlowton-SW
Length: 5.7 Miles

Engineer: Unassigned

A survey crew will be assigned when one becomes available.

S 48 (3) Roundup-West & South
Length: 7.012 Miles
Survey Started: 1-20-64

Chas. W. Buck, Project Engr.
Roundup, Montana
Donald G. Braach, Designer

Completed design and field location data were forwarded to Helena 12-14-64. Field design remains 100% complete with 158 man-days used to date.

S 193 (3) Raynesford-South
Length: 12.332 Miles

Engineer: Unassigned

A survey crew will be assigned when one becomes available.

S 263 (1) Eyegate-North
Length: 6.4 Miles
Survey Resumed: 1-12-64

Carl W. Park, Project Engr.
Lewistown, Montana
Survey Suspended: 2-18-64

No work done on this project. Centerline, bench levels, topography are 85% complete; cross sections and section ties 50% complete; 202 man-days have been expended to date with field work 43% complete. Survey suspended at close of work 2-18-64 as alignment on last half of the project had not been completed.

CONSTRUCTION

F 8 (11) & F 239 (13) White Sulphur Springs-Harlowton
7.355 Mi. Grade, Aggreg. Surf.
Plant Mix Bit. Surf. & Drng.
Widen One 25' Timber Bridge
Contract Let: 4-29-64
Contract Awarded: 5-8-64
Bid Price: $782,452.65
Work Started: 6-15-64

S. Birch Inc., Contractor
Great Falls, Montana
Robert E. Ewing, Proj. Engr.
White Sulphur Spgs, Montana
Calendar Days: 300
Probable Compl. Date: 9-16-65

A winter shutdown order was issued at close of work 12-11-64. The following items remain 100% complete: remove structure, street excavation, overhaul street excavation, cement stabilized base, bbls. Portland cement, mineral aggregate, dobule and standard drop inlets, concrete curb and gutter, 8" PC concrete pavement, culvert excavation, roll subgrade, water subgrade, 1½" galv. steel pipe, CMP drain, RC-250 liquid asphalt, MC-800 liquid asphalt, station markers, R/W monuments, project markers, class DD concrete, reinforcing steel, MBM treated timber, riprap and MBM untreated timber. The following items remain as previously reported: uncl. excavation 621,041 cu. yds. or 95% complete; overhaul uncl. excavation 74,787 mi. yds. or 95% complete; SS-1 emulsified asphalt at 22,573 gals. or 90% complete; fire hydrants at 5 reset or 83% complete; water shutoff valves at 7 reset or 78% complete; flagging hours 824 or 54% complete; MC-70 liquid asphalt at 60 tons or 28% complete; obliterate old roadway at 16 stations or 40% complete; blade hours 69 or 69% complete; 3" TACBS at 127,628 tons or 99% complete; 1½" TACBS at 71,939 tons or 85% complete; 3/4" TACTS at 6,398 tons or 26% complete; water surface courses 2,698 M-gals. or 45% complete; roll surface at 924 units or 73% complete. Contractor advises that he plans to resume construction operations 4-1-65. A 4-man engineering crew is engaged in computing final quantities. Engineering layout is 88% complete and project as a whole is 70% complete with 54% of the contract time elapsed or 162 calendar days.

S 18 (6) Two Dot-South Road
7.341 Mi. Grade, Aggreg. Surf.
Drng., Plant Mix Bit. Surf. & 1
111.5' Pres'd Conc. Beam Bridge
Contract Let: 12-18-63
Bid Price: $343,720.62
Work Started: 4-2-64

Milson-Smith Construction Co.
Great Falls, Montana
Elton M. Strunk, Res. Engr.
Harlowton, Montana
Calendar Days: 200
Probable Compl. Date: 6-1-65

A winter shutdown order was issued at close of work 11-13-64. Water surface courses are 46% complete; rolling surface courses 40% complete and all other items 100% com- with exception of 3/8" cover material, 100-200 asphalt cement, MC-70 liquid asphalt, RS-2C cationic emulsified asphalt and type 2 plant mix surfacing. 3/8" cover material and 3/4" grade "A" top course for plant mix aggregate have been produced and stockpiled on the project. Project as a whole is 67% complete, 81% of contract time has elapsed. A 2-man engineering crew is checking quantities. Construction layout is 100% complete.

F 27 (6) & F 28 (5) Rdp-GrassRange
6.059Miles Grade, Aggregate Surf.,
Plant Mix Bit. Surfacing & Drain.
Contract Let: 6-24-64
Contract Awarded: 7-1-64
Bid Price: $590,671.94
Work Started: 8-6-64

Husman Bros., Contractors
Sheridan, Wyoming
Carl W. Park, Project Engr.
Lewistown, Montana
Calendar Days: 300
Probable Comp. Date: 9-15-65

A winter shutdown order was issued 11-24-64. On F 27 (6) the following items are 100% complete: uncl. excavation, subgrade water, rolling and compaction, culverts, stock-passes, concrete cutoff walls, station markers and R/W monuments and 3" TACBS. 1½" TACBS is 75% complete; 15,671 tons 3/4" type 3 plant mix aggregate and 11,163 tons of 3/4" top surfacing materialhave been stockpiled or 100% complete. On F 28 (5) the following items are 100% complete: 3" TACBS, uncl. excavation, subgrade water, rolling and compaction, culverts, cattle guards, project markers, station markers, R/W monuments.. 3,424 tons 3/4" type 3 plant mix aggregate and 2,458 tons 3/4" top surfacing material have been stockpiled or 100% complete. Contract as a whole is 63% complete with 39% of contract calendar days elapsed. Construction layout is 100% complete.

F 33 (6) Roundup-South &
F 108 (9) Billings-Roundup
8.039 Mi. Grade, Aggregate
Surface and Drainage
Bid Price: $1,228,482.50
Contract Let: 8-28-63
Work Started: 9-19-63

Stanley H. Arkwright, Inc.
Billings, Montana
Chas. W. Buck, Project Engr.
Roundup, Montana
Calendar Days: 350
Probalbe Compl. Date: 6-30-65

A suspend work order was issued at close of work 11-24-64 and constitutes a winter shutdown (minor operations excepted). No work was done on project the past week and all items remain as previously reported. F 108(9) uncl. excavation 949,900 cu. yds. or 105% of plan complete; clearing & grubbing 90% complete; culvert excavation and C.O.#1, 2 & 4 at 6,338 cu. yds. or 95% complete; rolling subgrade 3,008 units or 74% complete; rolling surface courses 157 units or 23% complete; water subgrade and C.O.# 3 at 23,567 M-gals. or 78% complete; water surface courses 682 M-gals. or 21% complete; 3" TACBS 46,780 tons or 73% complete; 1½" TACBS 23,637 tons or 47% complete; 18" RCP culvert CL3 and C.O.#4 at 612 lin. ft. or 92% complete; 18" RCP culvertCL5 at 222 lin. ft. or 70% complete; 24" RCP culvert CL3 and C.O.#1 at 1178 lin. ft. or 96% complete; Class DD concrete for cutoff walls at 30 cu. yds. or 90% complete; work by agreement, class AD concrete,C.O.#t at 15.4 cu. yds. or 15% complete; station markers 27 or 77% complete; backfill material and C.O.#2; 72" SPP culvert 12 ga; SPP culvert 12 gauge; 180" SPP culvert 8 ga; 17'11"SPP arch culvert 10 and 12 ga; 24" RCP culvert CL4; 24" RCP culvert CL5; 30" RCP culvert CL3; 30" RCP culvert CL5 & C.O.#1; 36"RCP culvert CL4; 48" RCP CL3 & C.O.#1; 48" RCP culvert CL4; 84" concrete stockpass flat bottom; 74" RCP arch culvert & C.O.#4; remove structures and flagging are all 100% complete. F 33 (6):prime contractor worked two 8-hour shifts per day four days drilling and blasting with 7 men per shift employed. 12 men worked one 8-hour shift per day four days crushing and stockpiling 3/4" TACTS and 2,580 tons wete crushed and stockpiled for a total of 3,980 tons or 14% complete. All other items remain as previously reported: uncl. excavation 232,000 cu. yds. or 75% complete; stockpiling 3/4" TACTS 1,400 tons or 7% complete; culvert excavation 170 cu. yds. or 38% complete; rolling subgrade 48 units or 6% complete; water subgrade and C.O.#2 at 3,814 M-gals. or 54% complete; backfill material 67 cu. yds. or 78% complete; 24" RCP culvert CL3 and C.O.#4 at 144 lin. ft. or 59% complete; 72" SPP culvert 12 ga; 30" RCP culvert CL5; 36" RCP culvert CL4 and class DD for cutoff walls and flagging are all 100% complete. A total of 5 station markers have been set making this item 71% complete. Projects as a whole are 75% complete with 76% of the contract time elapsed. Construction layout is about 97% complete.

F 115 (14) Harlowton-Ryegate
8.628 Mi. Grade, Aggregate Surf.
Plant Mix Bit. Surf. & Drng.,
Lighting & Signing
Contract Let: 7-29-64
Bid Price: $788,785.21
Work Started: 8-31-64

McLaughlin Inc., Contractor
Great Falls, Montana
Elton M. Strunk, Res. Engr.
Harlowton, Montana
Calendary Days: 350
Probable Compl. Date: 8-4-65

A winter shutdown order was issued 11-25-64. To date the contractor has moved approx. 182,000 cu. yds. uncl. excavation or 46% complete; 2,025 cu. yds. culvert excavation have been moved or 58% complete; 188,300 cu. yds. subgrade compaction have been done or 39% complete; 15,000 mi. yds. overhaul of uncl. excavation have been done or 21% complete; 264 units roll surface courses have been used or 20% complete; 3,220 M-gals. water subgrade have been used or 34% complete; 386 M-gals. water surface courses have been placed or 43% complete; 1,283 tons 1½" base course surfacing have been placed or 1% complete; 841 cu. yds. backfill material have been placed or 93% complete; 258 ft. 18" CMP have been placed or 27% complete; 112 ft. 30" CMP have been placed or 46% complete; 118 ft. of 72" SPPC have been placed or 60% complete; 64 ft. of vehicular underpass have been placed or 31% complete; 712 ft. of 24" RCP CL2 have been placed or 72% complete; 78 ft. 30" RCP have been placed or 32% complete; 144 ft. 36" RCP CL2 have been placed or 47% complete; following items are 100% complete: 24" CMP; 66" CMP; 66" SPPC; 96" SPPC; 7'11"S x 5'7"R SPPAC and 24" RCP CL4; removal of structures is 56% complete and 450 hours of flagging have been done or 45% complete. Project as a whole is 23% complete with 22% of contract time elapsed. An 8-man engineering crew is engaged in construction staking and computations. Construction layout is 85% complete.

F 333 (26) Grass Range-Malta
Station 1020 to 1045
Surface Exploration of Slide Area

State Highway Commission
Helena, Montana
C. W. Clements in Charge

No work anticipated on this project.

S 405(3) Lewistown-Hanover-Judith River
7.856 Miles Grade, Aggregate Surface,
Plant Mix Bit. Surface, Drainage & One
163' Prestressed Concrete Beam Bridge
Contract Let: 11-24-64
Bid Price: $618,171.88
Work Not Started

R. J. Sundling & Son, Inc.
Livingston, Montana
Carl W. Park, Project Engr.
Lewistown, Montana
Calendar Days: 250
Probable Comp. Date: 10-15-65

A 5-man crew is engaged in construction layout. Centerline and R/W points are 100% complete and construction layout as a whole is 35% complete. No word from the contractor as to when he plans to start work.

AEH ps

A. E. Harcharik
Division Engineer

BUREAU OF PUBLIC ROADS PROGRESS REPORT

WORK STATUS - DIRECT FEDERAL CONSTRUCTION PROJECTS

AS OF DEC. 30, 1964

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

Project	Location	Length	Type Work	Dec. 30, 1964 % Work Completed and Est. Completion Date	Percent Time Used	Contractor & Contract Amount
55-1(1) Ekalaka S 347(11)	On State Secondary Rte. 323, 4.5mi. SE of Ekalaka - SE	FH 2.5 FAS 5.7	Grade, Base, Bit. Plt. Mix Paving Contract awarded by State 8/28/63 Construction under State supervision Winter shutdown	87 Sept/64	75	Wickens Bros. $ 486,018.00 ($250,000 FH funds) $ 746,575.80 Total contract
ERFO 41(1)	On St. Rte. 499, 7.1 mi. easterly from jct. with St. Rte.287,easterly 15.3 mi. to jct. with US Rte. 191 thence southerly 1.2 mi. on US 191 toward West Yellowstone	16.5	Grade, Base, Bit. Plant Mix Paving Winter shutdown November 14	40 Sept/65	57	Earl McNutt Co. $1,301,453.28
GNP 8-A4	Bridge - North Fork of Flathead River	0.40	Prestressed Conc. Girder Bridge Winter shutdown December 11, 1964	73 June/65	61	Kyser Const. Co. $ 239,096.80
GNP 8-A5	2 mi. north of West Glacier on International Park Road	8.5	Grading, Bit. Surf. Treat. on Portion Winter shutdown November 15	47	26	Crick Company $ 419,336.00
ERFO 63(1)	GNP Route 7 - North Fork Road, west side of Park	0.16	Reconstruct 7 bridges and repair one bridge Contract awarded October 6, 1964	26 Feb/65	70	Sletten Const. Co. $ 103,364.00
ERFO 66(2)	GNP Route 33 - McDonald Creek Bridge	200'	Treated timber structure Contract awarded November 20, 1964	1	12	Rummel Const. C $ 45,312